

ADEGBOLA T. ADESOGAN

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EDUCATION

Ph.D. Animal Production Science	University of Reading, UK	1996
M.S. Animal and Forage Science (Distinction)	University of Reading, UK	1991
B.S. Agriculture (Honors in Animal Science)	University of Ibadan, Nigeria	1988
Foundations of Senior Management Course ¹	Open University, UK	2000

¹ A 'fast track' combination of the first two years of the Open University's MBA program that combines their Certificate and Diploma programs in Business Administration

EMPLOYMENT HISTORY

Director, Food Systems Institute	University of Florida	2020 to date
Director, Feed the Future Innovation Lab for Livestock Systems	University of Florida	2015 to date
Professor (tenured)	University of Florida	2010 to date
Associate Professor (tenured)	University of Florida	2005 to 2010
Assistant Professor (tenure-accruing)	University of Florida	2001 to 2005
Assistant Professor (tenure-accruing)	University of Wales, UK	1995 to 2001
Graduate Research Assistant/Scientific Officer	University of Reading, UK & ADAS Feed Evaluation Unit, UK	1992 – 1995

POSITION DESCRIPTION AND ASSIGNMENT

12-month, 40% teaching, 60% research assignment; Undergraduate and graduate teaching and research supervision.

AREAS OF EXPERTISE

1. Improving human nutrition, health, livelihoods and incomes by enhancing all aspects of livestock productivity.
2. Ruminant nutrition with emphasis on:
 - Using microbial inoculants, chemical and biological additives and management innovations to increase forage quality, reduce silage spoilage and nutrient losses and increase the performance of dairy cows.
 - Using fibrolytic enzymes, yeasts and other additives to improve forage quality, manipulate rumen fermentation, reduce methane production and increase the performance of dairy cows.
 - Strategic sequestration of dietary mycotoxins to prevent their transfer into the milk of dairy cows.
 - Using plant nutraceuticals to improve the health and performance of ruminant livestock.

HONORS, AWARDS AND RECOGNITIONS

Honors

- Chair, Council of Feed the Future Innovation Lab Directors (2018 to 2019)
- Technical Advisory Group Member, World Bank Enabling the Business of Agriculture livestock team (2017)

- Advisory Board Member, USAID Feed the Future Innovation Laboratory for Collaborative Research on Adapting Livestock Systems to Climate Change (formerly known as the LivestockClimate Change CRSP, LCC CRSP) (2013 to 2015).
- Consultant and Chief Scientific Investigator – International Atomic Energy Agency / Food and Agricultural Organization (FAO) of the United Nations Project on Using Enzymes and Nuclear Technologies to Improve the Utilization of Fibrous Feeds and Reduce Greenhouse Gas Emissions from Livestock (2011 to 2016)
- Advisory Council Member, Plant Sciences Research and Education Unit, Citra, FL (2014 to 2017).
- Expert Consultant, International Atomic Energy Agency Project on Enhancing Livestock Productivity and Decreasing Environmental Pollution through Balanced Feeding and Proper Manure Management in El Salvador (2013).

Awards and recognitions

- Journal of Dairy Science Highly Cited Award to recognize an outstanding and highly cited paper published in the journal (2020).
- Superior accomplishment award- community service category. Awarded in recognition of outstanding contributions to the University of Florida (2020).
- Journal of Dairy Science top 100 author for four manuscripts; recognition for having four of the most highly cited papers published in journal since the beginning of 2017 (2020).
- American Society of Animal Sciences Bouffalt International Animal Agriculture Award to recognize distinguished service to animal agriculture in the developing areas of the world (2019).
- Journal of Dairy Science top 100 author; recognition for having one of the most highly cited papers published in journal since the beginning of 2016 (2019).
- International Educator of the Year Award, College of Agriculture, University of Florida (2018).
- Faculty Commons Nilson Award. In recognition of outstanding leadership, service and Christian ministry by university faculty and administrators in the United States (2017).
- Recognized by the American Dairy Science Association for the number of manuscripts published in and reviewed for the Journal of Dairy Science (2013, 2014, 2015, 2016 and 2017).
- Recognition for service and accomplishments as the President, Sigma Xi, The Scientific Research Society, University of Florida Chapter (2016).
- College of Agricultural Science and Department of Animal Sciences nominee for the University of Florida Doctoral Dissertation / Mentoring Award (2015).
- University of Florida Faculty Enhancement Opportunity Award Fellowship for a mini-sabbatical at the University of Queensland and Department of Primary Industries, Brisbane Australia (2012).
- Florida Agricultural Experiment Station LEAD21 Fellow (2010). Recipient of the Leadership Development for the 21st Century Award Fellowship from the Florida Agricultural Experiment Station.
- University of Florida Research Foundation Professorship award to recognize a distinguished record of research and scholarship (2009)
- Marquis Who's Who in the USA (2009)
- Department of Animal Sciences nominee for the College of Agricultural Sciences Graduate Teacher and Adviser of the year award (2008).
- American Dairy Science Association, Pioneer Hi-Bred International Inc. Forage Award. For significant research contribution in the areas of forage production, processing, storage and utilization (2007).
- Graduate Student Mentor of the Year. Awarded by the Department of Animal Sciences Graduate Student Association, University of Florida (2006).
- Award for the best research paper presented to the Animal Nutrition Session at the 45th Annual Meeting of the European Association of Animal Production (1994).
- Distinction award for outstanding performance in the Animal and Forage Science M.S. Program, University of Reading, UK (1990).

- Zard prize for the outstanding Animal Science B.S. Student. University of Ibadan, Nigeria (1987).

Assistantships and fellowships

- Ph.D. Scholarship, Ministry of Agriculture, Fisheries and Food, United Kingdom (1992).
- M.S. Scholarship, Overseas Development Administration United Kingdom and the World Council of Churches (1990)

Honor societies

- Sigma Xi, The Scientific Research Society (2004 to date; President, UF Chapter – 2015 to 2016).
- Recognized for contributions to the progress of minority students by Beta Eta Sigma, the Black honor society (2004).
- Gamma Sigma Delta, the honor society of agriculture (2005 to 20011).

Awards My Students Received

- Achievement award in recognition of an outstanding presentation at the 2016 Annual Biomedical Research Conference for Minority Students (ABRCMS) in Tampa, Florida”, November 12, 2016. Received by Esther Olasoji, my undergraduate research student (2016)
- Undergraduate oral research presentation, MANRRS national career fair and training conference, 3rd place. Received by Shavone Taylor, my undergraduate honors student (2016)
- Department of Animal Sciences Graduate Student Fellowship. Received by my PhD student Yun Jiang (2015)
- First place in oral presentation Life Science category, Annual Southeastern Association of Educational Opportunity Program Personnel (SAEOPP) conference. Received by Esther Olasoji, my undergraduate research student (2015).
- Outstanding senior minority student, University of Florida. Received by Shavone Taylor, my undergraduate honors student (2015)
- Department of Animal Sciences nominee, for the Excellence in Graduate Research award. Received by my MS student Yun Jiang for her thesis on effects of the viability and dose of yeast products on the performance of dairy cows, ruminal fermentation, digestibility, and the ruminal microbiome (2015).
- William C. and Bertha M. Cornett Fellowship Fund, University of Florida. Received by Ibukun Ogunade, my PhD student (2014/2015, 2015/2016).
- Certificate of outstanding academic achievement, University of Florida International Center Received by Ibukun Ogunade, my PhD student (2014).
- Department of Animal Sciences nominee, UF Doctoral Dissertation Award. Received by my PhD student Juan J. Romero for his dissertation on using fibrolytic enzymes to improve forage quality and the performance of dairy cows (2014).
- Consultative Group on International Agricultural Research (CGIAR) Women’s Leadership Award. Received by my Ph.D. student, Susan Chikagwa-Malunga (2008) to signify her potential as a scientist and as a leader.
- Robert F. Barnes Graduate Student Award. Received by my Ph.D. student, Jamie Foster for presenting the best oral paper at a competition at the Joint International Annual meeting of the American Society of Agronomy, Crops Science Society of America, and the Soils Science Society of America (2006).
- J.P. Fontenot Student Travel Scholarship (2005). Received by my Ph.D. student, Susan ChikagwaMalunga for the best graduate student abstract at the American Society of Animal Science Southern Section meeting (2004).

SERVICES TO JOURNALS AND FUNDING AGENCIES

Journal Editorial boards

- Editor, Journal of Animal Science. 2010 to 2014.
- Editor, Animal – The International Journal of Animal Biosciences. 2008 to 2016.
- Editor, Animals – A Multidisciplinary, Integrated, Open Access Journal. 2011 to 2019.

Organizing committees / editorial panels for conferences / journals

- Convenor and organizer, American Dairy Science Association Symposium on “Milk production in developing countries.” (2019)
- Convenor and organizer, special Issue of the Journal of Dairy Science on Silage Management and Science. 2016 to 2017.
- Co-organizer, American Dairy Science Association (ADSA) Discover Conference titled “New Developments in Microbiology”, Naperville, Illinois, September 2012.
- Editor, Forages and Pastures Session of the ASAS/ADSA annual meeting, New Orleans, LA, 2010/2011.
- Editor, Ruminant Nutrition Session of the ASAS Southern Section meeting, Corpus Christi, TX, 2010/2011.
- Editor, The XI International Silage Conference, Madison, WI, 2009.
- Editor, Proceedings of the 44th Caribbean Food Crops Society Conference, Miami, FL, 2008.
- Editor, Proceedings of the British Society of Animal Sciences International Conference titled ‘In vitro techniques for measuring nutrient supply to ruminants’. Mexico, 1999.

External examiner or reviewer duties

- Member, External Review Panel for the Department of Animal Science, Texas A & M University, (2019)
- Team Leader for the Quality Assurance Review, Department of Food Production, University of West Indies, St. Augustine Campus, Trinidad (2017)
- External examiner for PhD students at: o University of Pretoria, South Africa (2015), o University of Alberta, Canada (2013) o Swedish University of Agricultural Sciences, Umea (2007).

Ad hoc reviewer for Journals:

- Journal of Dairy Science
- Journal of Animal Science
- Animal Feed Science and Technology
- Journal of the Science of Food and Agriculture
- FEMS Microbiology and Ecology
- Enzyme and Microbial Sciences
- Grass and Forage Science
- Applied and Environmental Microbiology
- Scientia Agricola
- Animal Production Science, Australia
- British Society of Animal Science Occasional Publications
- Livestock Production Science
- International Journal of Food Science and Technology
- Canadian Journal of Animal Science
- South African Journal of Animal Science
- ANIMAL –International Journal of Animal Biosciences

Ad hoc reviewer for funding agencies:

- USDA Nutrient Panel. Nutritional Physiology, Ruminants. 2017.
- USDA Animal Growth and Nutrient Utilization Program Review Panel, 2014.
- World Vision, USA (2013)
- Faculty evaluation, National Research Foundation, South Africa (2011)
- Louisiana Board of Regents Research Competitiveness Subprogram (2010)
- USDA CSREES T-STAR Panel, Chair (2010)
- USDA Animal Growth and Nutrient Utilization Program Review Panel, 2009.

- Production Expert Scientific Advisory Committee for Dairy Farmers of Canada's Research Funding Program, 2007.
- United States Department of Agriculture CRIS Formula Fund, 2006.
- Cooperative Grants Program of the U.S. Civilian Research and Development Foundation, 2006.
- United States Department of Agriculture HATCH Act Formula Fund, 2005.
- The United States - Israel Binational Agricultural Research & Development Fund, 2005.
- USDA CRIS Project Florida Agricultural Experiment Station, 2004.
- South-East Milk Check-Off program, 2002 to date.
- United Kingdom Ministry of Agriculture Livestock Nutrition Research and Development program, 1998 and 1999.

MEMBERSHIP OF PROFESSIONAL BODIES

- American Association for the Advancement of Science (AAAS)
- American Dairy Science Association
- American Society of Animal Science
- American Forage and Grassland Council
- Florida Cattlemen's Association

GRANTS AND CONTRACTS RECEIVED

Career total \$69,919,546

Grant funding details

Period	Amount (\$)	Funding Agency & Proposal Title	Role
20-21	19,000,000	USAID: Feed the Future Innovation Lab for Livestock Systems ³	PI
19-20	179,479	Chr. Hansen: The effects of probiotics on early lactation dairy cows	Co-PI, 1 of 3,
19-20	39,023	Chr. Hansen: Evaluating the effects of probiotic using in-vitro approach	Co-PI, 1 of 3
17-19	126,000	Danisco Animal Nutrition: To determine impact of enzymes on ruminal in vitro digestibility of dent corn grain	Co-PI, 1 of 3
17-19	78,162	Lallemand Animal Nutrition: The effects of novel microbial additives on fermentation of corn and sorghum silage	Co-PI, 1 of 3
17-22	² 8,742,893	Bill and Melinda Gates Foundation: Strengthening smallholder livestock systems for the future (EQUIP)	PI
17-18	86,849	Global Good: Examining the market for mycotoxin binders in African countries	PI
17-20	239,310	CJ CHEILJEDANG CORP, S. Korea: Rumen-protected amino acids and lactation performance in dairy cows	Co-PI, 1 of 4
17-20	2,500,000	USAID: Feed the Future Associate Award ² ; Peste des Petitis Ruminant Vaccine	PI
17-21	467,500	USDA: Effects of bismuth subsalicylate and nitrate supplementation on beef production efficiency and environmental impact	Co-PI, 1 of 4
16-17	71,438	Dupont Danisco: To determine the impact of enzymes on ruminal in vitro digestibility of dent corn starch	Co-PI, 1 of 3
15-20	19,569,507	USAID: Feed the future Innovation Lab for Livestock Systems ¹	PI

15-16	26,666	<i>IFAS Dean for Research Office: Fostering collaborative linkages with Florida A&M University</i>	PI
15-16	125,000	<i>Diamond V. Effect of sequestering agents based on a Saccharomyces cerevisiae fermentation product and clay on the health and performance of lactating dairy cows challenged with dietary aflatoxin B1</i>	PI
15-18	45,550	<i>FAPESPE & Bahia State University, Brazil. Development of treatment technologies of cotton gyn trash for feeding dairy cows</i>	Co-PI, 1 of 5
15-16	19,990	<i>Various seed company sponsors. Identifying corn silage hybrids with optimal nutritional traits over a wide harvest window for dairy production</i>	PI
15-16	45,364	<i>Various company sponsors. Florida Ruminant Nutrition Symposium. Discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.</i>	Co-PI, 1 of 3
14-15	320,000	<i>Israel – USA Binational Agricultural Research & Development Fund The effect of selected lactic acid bacteria on the microbial composition and the survival of pathogens in the rumen in context with their probiotic effects on ruminants</i>	Co-PI, 1 of 4
14-15	49,114	<i>Lallemand Animal Nutrition, France. Examination of the aflatoxin-binding capacity of silage bacteria</i>	PI
14-15	11,500	<i>Disney Animal Kingdom. Evaluation of Pelleted Diets for Grazing Ruminants</i>	Co-PI, 1 of 4
14-15	33,400	<i>Various seed company sponsors. Evaluation of silage hybrids for yield and quality under Florida growing conditions. Corn Silage and Conserved Forage Field Day registrations.</i>	Co-PI, 1 of 5
14-15	17,000	<i>Various seed company sponsors. Identifying corn silage hybrids with optimal nutritional traits over a wide harvest window for dairy production</i>	PI
14-15	41,862	<i>Various company sponsors. Florida Ruminant Nutrition Symposium. Discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.</i>	Co-PI, 1 of 3
13-14	42,406	<i>Pioneer, a Dupont Company: The effect of a microbial feed additive on the ruminal pH and performance of dairy cattle</i>	PI
13-14	33,262	<i>SE Milk Check off: Identifying corn silage hybrids with optimal nutritional traits over a wide harvest window for dairy production</i>	PI
13-14	124,804	<i>Diamond V: Reducing transmission of dietary mycotoxins into milk with sequestering agents</i>	PI
13-14	169,928	<i>Addisseo, France: Validation of the efficacy of fibrolytic enzymes in lactating dairy cows</i>	PI
13-14	27,878	<i>Danisco, United Kingdom : Effects of pre-incubation with enzymes on the fermentation characteristics of fibrous feed ingredients for ruminants using an in-vitro model system</i>	PI
13-14	16,800	<i>Various seed company sponsors. Evaluation of silage hybrids for yield and quality under Florida growing conditions.</i>	Co-PI, 1 of 4
13-14	39,955	<i>Various company sponsors. Florida Ruminant Nutrition Symposium. Discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.</i>	Co-PI, 1 of 3
13-14	10,000	<i>IFAS Dean for Research Office: Fostering collaborative linkages with Florida A&M University</i>	Co-PI, 1 of 4
13-14	10,000	<i>College of Veterinary Medicine: Understanding parasitic disease transmission and control strategies</i>	Co-PI, 1 of 4

12-13	36,621	<i>Southeast Milk Check-Off</i> . Improving the digestion of bermudagrass silage and performance of dairy cows with enzymes	PI
12-13	17,954	<i>Lallemand Animal Nutrition, France</i> . Use of silage bacteria as enterosorbents to reduce aflatoxin contamination of silage and decrease transfer of the toxin from contaminated diets to milk	PI
12-13	3,500	<i>Ineos Bio LLC</i> . Potential use of spent cells as a feed in cattle operations	PI
12-13	35,000	<i>Food and Agricultural Organization of the United Nations</i> . Mitigation of greenhouse gas emissions in livestock production. A review of technical options for non-co ₂ emissions.	Co-PI, 1 of 17
12-13	18,220	<i>Various company sponsors</i> . Florida Ruminant Nutrition Symposium, which discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
12-13	25,600	<i>Various seed company sponsors</i> . Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 4
11-13	108,000	<i>CHR Hansen Inc., WI</i> . Effect of a silage inoculant on the fermentation of maize silage and effect on production results when fed to high yielding dairy cows	PI
11-13	11,000	<i>Bruno Rimini Ltd., UK</i> Sealing strategy effects on silage quality	PI
11-13	14,850	<i>Southeast Milk Check-Off</i> . Using herbicides to accelerate field drying of forage grasses	Co-PI, 1 of 2
11-12	18,150	<i>Various company sponsors</i> . Florida Ruminant Nutrition Symposium, which discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
11-12	2,048	<i>International Atomic Energy Agency/ FAO</i> . Use of Enzymes, Direct-fed Microbials and Yeast to Improve the Efficiency of Utilizing Fibrous Feeds in Developing Countries and Reduce Greenhouse Gas Emissions from Livestock	PI
11-12	16,500	<i>Various seed company sponsors</i> . Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 3
11-12	28,551	<i>University of Florida Provost's Office</i> . Faculty Enhancement Opportunity.	PI
11-12	12,000	<i>Florida Agricultural Experimental Station</i> . Animal and forage sciences grantsmanship retreat.	Co-PI, 1 of 5
10-12	4,000	<i>International Atomic Energy Agency/ FAO</i> . Use of Enzymes, Direct-fed Microbials and Yeast to Improve the Efficiency of Utilizing Fibrous Feeds in Developing Countries and Reduce Greenhouse Gas Emissions from Livestock	PI
10-12	22,650	<i>Southeast Milk Check-Off</i> . Strategies to reduce silage spoilage to enhance the efficiency of dairy production	PI
10-12	914,000	<i>USAID, Middle East Water and Livelihoods initiative</i>	Co-PI, 1 of 3
10-11	48,000	<i>Various UF sources</i> . Environmental science programs at the UF IFAS Dairy Research Unit	Co-PI, 1 of 3
10-11	13,850	<i>Southeast Milk Check-Off</i> . Additive and inoculant effects on Tifton 85 and Mulato haylage	Co-PI, 1 of 4
10-12	10,625	<i>Lallemand Animal Nutrition, WI</i> . Effect of microbial inoculants on the quality of baled grass silage.	PI
10-12	10,176	<i>Chr Hansen A/S, Denmark</i> . Effect of different silage additives on the fermentation and aerobic stability of maize silage.	PI
10-12	337,440	<i>USAID Capacity Building BHEARD fund</i> . The Malawi Initiative for Long-term Training and <i>Various company sponsors</i> .	Co-PI of 4

10-11	13,800	<i>Various company sponsors:</i> Florida Ruminant Nutrition Symposium, which discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
10 -11	9,850	<i>Various seed company sponsors.</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 3
09-11	120,000	<i>USDA.</i> Improving the potency and reliability of fibrolytic enzymes for enhancing tropical forage utilization by livestock.	PI
09-11	72,520	<i>USDA.</i> Improving growth development and attainment of puberty of replacement beef cattle heifers with perennial peanut forage	Co-PI, 1 of 2
09-11	120,000	<i>USDA.</i> Improving small ruminant nutrition, health and carcass value with tropical feed resources	Co-PI, 1 of 3
09-10	14,900	<i>29 company sponsors.</i> Florida Ruminant Nutrition Symposium, which discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
09-10	10,000	<i>Various seed company sponsors.</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 4
09-10	71,752	<i>Lallemand Animal Nutrition, WI.</i> Effect of Feeding Live Yeast on Feeding Behavior, Body Temperature and Lactation Performance of Dairy Cows under Summer Heat Stress	Co-PI, 1 of 3
09-12	205,470	<i>FL Dept of Agric.</i> Enhancing conversion of grasses	Co-PI, 1 of 4
08-09	11,887	<i>US Society of Research Administrators.</i> Facilitated award of a grant to enable a professor from University of Ibadan, Nigeria shadow the UF Director of Sponsored programs for 3 months in order to set up a similar office in Nigeria.	Co-PI, 1 of 2
08-09	14,900	<i>29 company sponsors.</i> Florida Ruminant Nutrition Symposium, which discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
08-09	10,000	<i>Various seed company sponsors.</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 3
08-09	7,500	<i>Lallemand Animal Nutrition, WI.</i> Control of E. coli O157:H7 in corn silage under anaerobic and aerobic conditions with bacterial inoculants.	PI
08-09	45,470	<i>Oil-Dri Corporation.</i> Reducing transmission of dietary mycotoxins into milk	PI
08-09	17,800	<i>Lallemand Animal Nutrition, WI.</i> Effect of biotal buchneri 500 inoculant on corn silage quality and stability.	PI
08-09	23,902	<i>Southeast Milk Check-Off.</i> Selection of the best harvest interval for Tifton-85 bermudagrass quality for use as greenchop in the milking herd and reduction of soil nutrient pollution on dairy farms.	Co-PI, 1 of 6
08-09	17,850	<i>Southeast Milk Check-Off:</i> Nutritive value and fermentation parameters of warm-season grass haylage.	Co-PI, 1 of 3
07-08	7,500	<i>Lallemand Animal Nutrition, WI.</i> Control of E. coli O157:H7 in corn silage under anaerobic and aerobic conditions with bacterial inoculants.	PI
07-08	12,727	<i>Southeast Milk Check Off Fund:</i> Selection of the best harvest interval for Tifton-85 bermudagrass quality	Co-PI, 1 of 2
07-08	3,500	<i>USDA Norman E. Borlaug Fellowship.</i> Lab. and travel fee for hosting Dr. Carlos Gomez, faculty member from Universidad Nacional Agraria La Molina, Peru.	PI

07 - 08	3,001	<i>USDA Norman E. Borlaug Fellowship.</i> Lab. fee for hosting Dr. Simi Odeyinka, Senior Lecturer and Ex. Department Chair, Obafemi Awolowo University, Ile-Ife, Nigeria	PI
06 - 07	50,000	<i>Lallemand Animal Nutrition, WI:</i> Effect of bacterial inoculants on corn silage quality and stability and the performance of dairy cattle	PI
06 - 07	31,000	<i>Dyadic International Inc.:</i> Effect of fibrolytic enzymes on the performance of dairy cattle.	PI
06 - 07	98,725	<i>USDA CSREES T-STAR:</i> Improving the productivity of livestock with warm-season legumes	PI
06 -07	15,000	<i>Pioneer Hi-bred International.</i> Effects of a prototype silage inoculant on in situ dry matter and neutral detergent fiber digestion of corn silage.	PI
06 - 07	152,528	<i>Walt Disney World Animal Kingdom:</i> Development and assessment of diets to meet the nutritional needs of nondomesticated species.	Co-PI, 1 of 4
06 - 07	25,000	<i>Southeast Milk Check-Off:</i> Effects of disease infestation of corn hybrids on crop survival, silage quality, and performance of dairy cows.	PI
06 - 07	25,000	<i>Southeast Milk Check-Off:</i> Investigation of strategies for increasing milk production from bermudagrass silage and reducing nitrogen pollution on dairy farms	PI
05 - 06	3,142	<i>USDA Norman E. Borlaug Fellowship.</i> Lab. fee for hosting Juan Solomon, faculty member from the National Agricultural Research Institute, Guyana	PI
05 - 06	12,000	<i>Lallemand Animal Nutrition, WI;</i> Evaluation of inoculants for improving silage quality	PI
05 - 06	9,450	<i>27 companies:</i> Sponsorship of the Florida Ruminant Nutrition Symposium which discusses current hot topics relevant to the dairy and beef industries in the southeastern U. S	Co-PI, 1 of 5
05 - 06	13,075	<i>12 seed companies:</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 5
05 - 06	25,000	<i>Southeast Milk Check-Off:</i> Enhancing nutrient intake and digestion and performance of lactating dairy cows fed diets based on Tifton 85 bermudagrass silage	Co-PI, 1 of 4
05 - 06	41,000	<i>Southeast Milk Check-Off:</i> Determining when to harvest stay-green corn varieties for silage production	PI
04 - 05	15,680	<i>12 seed companies:</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI 1 of 4
04 - 05	8,750	<i>25 companies:</i> Sponsorship of the Florida Ruminant Nutrition Symposium which discusses current hot topics relevant to the dairy and beef industries in the southeastern U. S	Co-PI, 1 of 2
04 - 05	8,000	<i>Monsanto Dairy Business:</i> Factors affecting corn silage production in hot, humid climates	PI
04 - 05	5,000	<i>Pioneer Hi Bred International Inc.:</i> Factors affecting corn silage production in hot, humid climates	PI
04 - 05	12,000	<i>Florida Milk Check-Off:</i> Determining when to harvest stay-green corn varieties for silage production	PI
03 - 04	2,375	<i>12 seed companies:</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 4
03 -05	20,000	<i>Florida Milk Check-Off:</i> Improving milk production from forages with fiber-degrading enzymes	Co-PI, 1 of 3
03 - 04	5,500	<i>Lallemand Animal Nutrition, WI:</i> The effect of Biotal Buchneri™ 500 on the fermentation characteristics and stability of bermudagrass.	PI

03 - 04	3,000	<i>College of Agriculture Minigrant: Improvement of Instruction</i>	PI
02 - 03	11,000	<i>Florida Milk Check-Off: Improving forage quality with fiber enzymes</i>	PI
02 - 06	124,058	<i>USDA CSREES T-STAR: Improving forage quality and livestock productivity with fibrolytic enzymes</i>	PI
02 - 04	56,700	<i>USDA CSREES T-STAR: Assessing digestibility of cell wall crude protein in tropically grown forages for improved livestock production</i>	Co-PI, 1 of 2
02 - 03	6,000	<i>Florida Milk Check-Off: Improving forage quality with fiber enzymes</i>	PI
02 - 03	1,000	<i>Ministry of Agriculture, Jamaica: Training in analytical techniques</i>	Co- PI 1 of 3
00 - 01	5,194	<i>Lallemand S. A., France: The effect of novel inoculants on fermentation of crimped wheat grains</i>	Co-PI, 1 of 2
00 - 01	1,592	<i>Biotol, UK: The effect of Lactobacillus-based inoculants on wheat silage fermentation.</i>	Co-PI 1 of 2
00 - 01	636	<i>Akzo-Nobel, UK: Effect of essential oils on forage digestion in sheep</i>	PI
99 - 00	1,610	<i>Rumenco, UK: The effect of a yeast culture on the efficiency of feed utilization in lambs.</i>	PI
97 - 00	3,289,200	<i>Milk Development Council, UK: The nutritional value and milk production potential of alternative forages</i>	Co-PI, 1 of 4
96 - 97	7,627	<i>University of Wales, Aberystwyth College Research Fund: Evaluating the nutritional value of novel tropical plants</i>	PI
Total	69,919,546		

¹The contract for this award from USAID was for \$49,569,507; the first \$19,000,000 was issued in 2015.

²This award is the first Associate Award of the \$30,000,000 ceiling.

³An additional 19,000,000 was issued as part of the original \$49,569,507 award in 2020.

INSTRUCTION OF STUDENTS Courses Taught at University of Florida

ANS 3440 Principles of Animal Nutrition 4 credits 80-100 undergraduates
Required, preprofessional course for Veterinary School. Dr. **Adesogan** was 1 of 3 principal instructors

ANS 6458 Advanced Methods in Nutrition Technology 2 credits 6-15 graduate students Dr. **Adesogan** coordinates this team-taught course and is responsible for 50% of the course.

ANS 6452 Principles of Forage Quality Evaluation. 2 credits 4-11 graduate students
Dr. **Adesogan** was the principal instructor for this course.

VME 6934 Topics in Veterinary Medicine 3 credits 5-10 graduate students
Dr. **Adesogan** has guest lectured on this course.

AEE 4224 Special Methods in Teaching Agricultural Education 3 credits 12 undergraduates Dr. **Adesogan**
guest lectured on this course

Courses Taught at University of Wales, United Kingdom

RD26110 Introductory Biochemistry 2.5 Credits 15 undergraduates

RD25410 Animal Nutrition 2.5 Credits 21 undergraduates

RS20910	Applied Animal Nutrition	2.5 Credits	70 Undergraduates
RS35210	Advanced Animal Nutrition	2.5 Credits	36 Undergraduates

Summary of Teaching Evaluations

Semester/Year	Course	#Enrolled/ #Responses	Req- uired	*	Course	Dept.	College
					(Scale: High = 5, Low = 1)		
Fall/2014	ANS-6458	6/7	No	C	4.67	4.26	4.28
				I	4.83	4.32	4.32
Spring/2014	ANS-6452	0/5	No	C	NE [§]	NE [§]	NE [§]
				I	NE [§]	NE [§]	NE [§]
Spring/2012	ANS-6452	4/5	No	C	4.25	4.57	4.19
				I	4.25	4.65	4.31
Summer/2011	ANS-6458	6/9	No	C	4.50	4.25	4.26
				I	4.67	4.48	4.35
Spring/2010	ANS-6452	4/4	No	C	4.94	4.53	4.39
				I	5.00	4.58	4.45
Fall/2008	ANS-6458	5/5	No	I	4.80	4.52	4.35
				C	4.80	4.45	4.30
Spring/2008	ANS-6452	8/8	No	I	4.86	4.58	4.40
				C	5.00	4.48	4.20
Fall/2006	ANS-6458	10/10	No	I	4.20	4.30	4.30
				C	3.60	4.14	4.10
Spring/2006	ANS-6452	11/9	No	I	4.78	4.58	4.41
				C	4.67	4.46	4.21
Summer/2006	ANS-3440	55/40	Yes	I	4.30	4.45	4.45
				C	4.15	4.31	4.24
Fall/2004	ANS-6458	10/8	No	I	4.50	4.50	4.37
				C	4.13	4.41	4.18
Spring/2004	ANS-6452	8/8	No	I	4.00	4.40	4.38
				C	3.86	4.31	4.20
Spring/2003	ANS-3440	67/48	Yes	I	4.32	4.51	4.38
				C	3.93	4.37	4.21
Summer/2003	ANS-3440	52/38	Yes	I	4.55	4.33	4.47
				C	4.21	4.08	4.25
Fall/2002	ANS-6458	9/9	No	I	3.39	4.31	4.32
				C	2.89	4.19	4.15
Spring/2002	ANS-3440	85/70	Yes	I	3.71	4.34	4.36
				C	3.65	4.24	4.18
Spring/2002	ANS-6452	16/15	No	I	3.33	4.34	4.36
				C	2.80	4.24	4.18

* I = Instructor; C = Course; [§]Course was not evaluated due to low enrolment

ADVISING

Faculty Adviser, CRU, University of Florida. 2008 to 2018.

Graduate Program Director, Department of Animal Sciences, University of Florida, 2011 to 2015. **Undergraduate Coordinator**, Animal Science program, Institute of Rural Studies, University of Wales, Aberystwyth UK. 1999-2001.

Post-Doctoral researchers

1. Kathy Arriola, 2010 to date.
2. Donghyeon Kim, 2015 to 2018.
3. Oscar Queiroz, 2011 to 2012. Now working as a technical consultant with a company in Argentina.
4. Sam Churl Kim, 2003 – 2008; Now an Associate Professor, Gyeongsang National Univ., S. Korea.
5. Mustapha Salawu, 1996 – 2000; 2003. Now a private nutrition consultant, United Kingdom.

Foreign visiting post-doctoral researchers / faculty / scientists

1. Prof. Xusheng Guo, Langzhou University, China, November 2019 to May 2020.
2. Dr. Xitong Ding, Langzhou University, China, November 2019 to November 2020.
3. Dr. Xianjun Yuan, Nanjing University, November 2019 to November 2020.
4. Dr. Patrick Schmidt, University of Parana, Brazil, June to November 2019
5. Dr. Yanlin Xue, Inner Mongolia Academy of Agriculture & Animal Husbandry Science, Hohhot, China, November 2017 to October 2018
6. Mr. Ludwing Leyton Associate Professor, University of El Salvador, October, 2017
7. Mr. Milton Flores, Associate Professor, University of El Salvador, November to December, 2017
8. Dr. Sam-Churl Kim, Associate Professor, Gyeongsang National University, Sept. 2016 to August 2017
9. Dr. Andre Oleviera, Professor, Universidade Federal de Mato Grosso, June 2015 to May 2016 6. Dr. Mariana Costa Mello Goncalves, Instituto Federal Goiano - Câmpus Rio Verde. July 2015 to June 2016.
7. Dr. Zwi Weinberg, The Volcani Center, Israel. April 2015 to March 2016.
8. Dr. Thiago Bernades, Professor, Lavras University, Brazil, June 2014 to May 2015.
9. Dr. Mohammed Bamikole, Professor, University of Benin, Nigeria, February, 2014 to 2015
10. Dr. Vania Vasconcelos, Associate Professor, University of Piau , Brazil, August 2013 to Sept 2014.
11. Dr. Fisun Koc, Namik Kemal University, Tekirdag, Turkey, August to October, 2013.
12. Mr. Ernesto David, Associate Professor, University of El Salvador, October to December, 2013
13. Mr. Ludwing Leyton Associate Professor, University of El Salvador, October to December, 2013
14. Mr. Enrique Marin, Associate Professor, University of El Salvador, October to December, 2013
15. Dr. Douglas Nkosi, Animal Production Institute, Institute of the Agricultural Research Council, Irene, South Africa (Nov. 2011)
16. Dr. Evandro Muniz, EMBRAPA Brazilian Agriculture Research Corporation, (Sept. 2010 to Nov 2011).
17. Mr. Miguel Zarate, Veterinarian, Jockey Club, Lima, Peru (October, 2008 to Feb. 2009).
18. Dr. Andre Pedroso, Researcher, EMBRAPA, Brazilian Agriculture Research Corporation, (2007-2008).
19. Dr. Carlos Gomez, Professor, University La Molina, Peru. USDA Borlaug Fellow (Feb. to April, 2007).
20. Dr. Ademola Raji, Associate Professor, Institute of Agricultural Research and Training, Ibadan, Nigeria. (Jan. 2007 to June 2008).
21. Dr. Simi Odeyinka, Senior Lecturer and Ex. Department Chair, Department of Animal Sciences, Obafemi Awolowo University, Ile-Ife, Nigeria. USDA Borlaug Fellow (Oct. – Nov., 2006).
22. Mr. Juan Solomon, Scientist, National Agriculture Research Institute, Guyana. USDA Borlaug Fellow (June - July, 2006).
23. Dr. Abdel-Ghani, Professor and Chair, Animal Sciences Department, Mina University, Egypt. (March – April, 2004).

24. Mr. Tolulope Ososanya, Lecturer, University of Ibadan, Nigeria. John D. & Catherine McArthur T. Fellowship (Jan. – August, 2003).
25. Ms. Rhonda Davis and Mr. Paul Morgan, Scientists, Ministry of Agriculture, Jamaica. Sponsored by Jamaican government (March – April, 2002).

Graduate Student Advisees

Role	Graduate student (Nationality)	Research Topic (Current position)	Dept. & Univ ¹	Completion date
Chair, 12 Ph.D. committees	Adeoye Oyebade (Nigeria)	Probiotics for improving the performance of dairy cows	Animal Sciences	2021
	Yun Jiang (China)	Examination of strategies to reduce the ruminal degradation and transfer of dietary aflatoxin to the milk of dairy cows <i>Now a scientist at Philbro Animal Health</i>	Animal Sciences UF	2019
	Andres Pech Cervantes (Mexico)	Increasing fiber utilization by dairy cows with fibrolytic enzymes and expansin-like proteins <i>(Now a faculty member at Fort Valley State University)</i>	Animal Sciences UF	2019
	Ibukun Ogunade (Nigeria)	The efficacy of using a microbial feed additive to sequester dietary aflatoxin and prevent its transfer to the milk of lactating dairy cows. <i>(Now a faculty member at Kentucky State University)</i>	Animal Sciences UF	2017
	Juan-Jose Romero (Peru)	Strategic enhancement of the potency and reliability of fibrolytic enzymes <i>(Now a faculty member at University of Maine)</i>	Animal Sciences UF	2013
	Oscar Queiroz (Brazil)	Use of biological additives to improve food safety and the quality of preserved animal feeds. <i>(Now a Technical consultant for Chr. Hansen Inc.)</i>	Animal Sciences UF	2011
	Max Huisden (Suriname)	Detoxification, nutritive value and anthelmintic properties of <i>Mucuna pruriens</i> . <i>(Now an Assistant Professor, University of Suriname)</i>	Animal Sciences UF	2008
	Susan Chikagwa-Malunga (Malawi)	Nutritive value of <i>Mucuna pruriens</i> and effects of replacing soybean meal with mucuna on in vitro rumen fermentation, lamb performance and meat safety. <i>(Now the Assistant Research Director, Ministry of Agriculture, Malawi)</i>	Animal Sciences UF	2007
	Nathan Krueger (USA)	Effect of fibrolytic enzymes on the nutritive value of tropical forages and performance of beef steers. <i>(Now an Assistant Professor, Blinn College, Texas)</i>	Animal Sciences UF	2006
	Dervin Dean (Venezuela)	Effect of fibrolytic enzymes on the nutritive value of tropical grasses and dairy cattle performance. <i>(Now a Professor, Zulia University, Venezuela)</i>	Animal Sciences UF	2005

	Jamie Foster (USA)	Improving the productivity of livestock with warm season legumes. <i>(Now an Associate Professor, Texas A and M University)</i>	Animal	Science s UF	
	Lucia Holtshausen (S. Africa)	Ruminal fermentation of non-structural carbohydrates <i>(Now a Research Scientist, Agriculture & Agrifood Canada)</i>	Animal	Science s UF	
	Keren Smith (UK)	Lead contaminated floodplains in the historical metalliferous mining area of mid-Wales: Soil ingestion and implications for grazing sheep. <i>(Now a Postdoctoral researcher, United Kingdom)</i>	Geology, UWA		
Co-Chair, 6 Ph.D. commit- tees	Huw McConnochie (UK)	Rumen parameters, microbial protein yield and nitrogen flows to the duodenum with dairy cow diets based on grass silage or red clover. <i>(Now a Senior Dairy Specialist, Wynnstay Feeds, Wales, United Kingdom)</i>	Rural Studies, UWA	2008	
Chair, 8 Masters Committ- ees	Louize Miller (UK)	Novel Grass Varieties: Improving nitrogen use efficiency for milk production. <i>(Now a Teacher, St Padern's Catholic School, Aberystwyth UK)</i>	Rural Studies, UWA	2004	
				2004	
	Emmanuel Duvalsaint (Haiti)	The effects of incremental levels of n-acetyl l-lysine on lactational performance and physiological balance of lactating dairy cows.	Animal Sciences, UF	2004	
	Yun Jiang (China)	The effect of commercial and novel feed additives on the performance of dairy cows	Animal Sciences, UF	2000	
	Zhengxin Ma (China)	Development of novel mycotoxin sequestering agents with anaerobic bacteria <i>(Now a Ph.D student at UF)</i>			
	Miguel Zarate (Peru)	Evaluation of natural alternatives to commercial anthelmintics for reducing parasite burdens in small ruminants <i>(Now a Ph.D. student in the College of Medicine, UF)</i>	Animal Sciences UF	2012	201
	Joseph Hamie (Malawi)	Improvement of the growth performance and health of goats with tropical legumes. <i>(Now a Research Scientist, Ministry of Agriculture, Malawi)</i>	Animal Sciences UF	2012	2015

	Juan-Jose Romero (Peru)	Strategic enhancement of the potency and reliability of fibrolytic enzymes (<i>Now a Postdoctoral researcher at North Carolina State Univ.</i>)	Animal Sciences UF	2009	2014
	Kathy Arriola (Peru)	Effect of maturity and staygreen rating on the fermentation, aerobic stability and nutritional value of corn silage (<i>Now a Post-doctoral researcher with Dr. Adesogan</i>)	Animal Sciences UF		2007
Co-chair 2 Foreign Masters Committees	Lindsey Naimoli (USA)	M.S. Non-thesis student. Transferred to Vet. School before completion (<i>Now a veterinarian</i>)	Animal Sciences UF		Incomplete
	Junghun Hun (S. Korea)	Effect of additives on the efficiency of rumen function. (<i>Conducted his M.S. thesis research at UF with Dr. Adesogan</i>).	Animal Science GNU, S. Korea		2010
	Tae Won Kang (S. Korea)	Evaluation of novel-esterase producing silage inoculants. (<i>Conducted his M.S. thesis research at UF with Dr. Adesogan</i>).	Animal Science GNU, S. Korea		2007

Member, 15 Ph.D. Committees	Marcos Zenobi (Argentina)	To be determined	Animal Sciences	2018
	Tao Junyi (China)	To be determined	Animal Sciences, UF	2019
	Darren Henry (USA)	Effects of bismuth subsalicylate and calciumammonium nitrate on beef cattle production	Animal Sciences	2017
	Mir Raies (Pakistan)	Evaluation of animal and microbial factors affecting prevalence of Shiga Toxin-Producing E. coli (STEC) and Cefotaxime Resistance	Animal Sciences	2017
	Antonio Ordonez	Pulsating variable stars in local group dwarf galaxies	Astronomy	2017

Erin Alava (McKinnis) (US)	Effects of dried distillers grain as a supplement to round bale silage-based sub-tropical forage diets	Animal Sciences UF	2012
Daniella Wang (China)	Synthetic antioxidants for improving the health and performance of cows	Animal Sciences UF	Withdrew
Miriam Garcia (Brazil)	Effects of lipid supplementation on the health and performance of dairy calves	Animal Sciences UF	2012
Soung-Chul Yang (S. Korea)	RR Lyrae variables in the Andromeda group galaxies	Astronomy UF	2010

	Do Amaral Bruno Cesar (Brazil)	Effect of supplemental fat source on production, immunity, hepatic gene expression, and metabolism of periparturient dairy cows. (Postdoctoral researcher, UF)	Animal Sciences UF	2008
	Keawin Sarjeant (USA)	The impact of three different feeding regimens on performance microbiology sensory and objective characteristics of florida brangus beef cattle (Asst. Professor, Florida A & M University)	Animal Sciences UF	2006
	Capanu Marinela (Brazil)	Tests of misspecification for parametric model (Industry statistician)	Statistics UF	2005
	Joao Vendramini (Brazil)	Supplementation Effects on Early Weaned Calves Grazing Cool- and Warm-Season Grasses (Assistant Professor, UF)	Agronomy UF	2005
	Jo-Anne, Hastie (UK)	Improving the nutritive value of alfalfa for horses (Unknown)	Rural Studies, UWA	2003
	Elkana M. Nyambati (Kenya)	Management and nutritive evaluation of Mucuna pruriens and Lablab purpureus-Maize intercrops in the sub-humid highlands of Northwestern Kenya (Research Scientist, Kenyan Agricultural Research Institute)	Agronomy UF	2002
Member, 22 Masters Committees	Mercedes Kwei (US)	To be determined	Animal Sciences	2019
	Mariana Garcia (Argentina)	To be determined	Animal Sciences	2018

Marta Kohman (Brazil)	Greenhouse gas emissions in grazing systems in Florida	Agric and biological engineer.	2013
Nick Krueger (US)	Mixed grazing by cattle and goats for the control of blackberry in rhizoma peanut-grass pastures	Agronomy	2013
Rachel Hellmuth	Nitrogen mass budget of a silage corn field at the University of Florida dairy unit in Hague, Fl	Soil Science	2013
Marta Kohmann	Diet effects on methane emissions by beef cattle	Agricultural Engineering	2014
Saint Martin Francois, Pascale	Sustainable Feed Production to Support Nile Tilapia (<i>Oreochromis Niloticus</i>) Aquaculture in Haiti	Aquatic Pathobiology	2012
Kalyn Bischof	Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers	Animal Sciences UF	2012
Daniella Wang	Effect of feeding synthetic antioxidants and prepartum evaporative cooling on performance	Animal Sciences	2010

(China)	of transition holstein cows during summer in Florida	UF	
Inyang Uduak (Nigeria)	Management of brachiaria cultivar mulato in South Florida	Agronomy UF	2009
Hughes Ashley (USA)	Effects of forage sampling method on nutritive value of bahiagrass (Georgia Cattlewomen's representative)	Animal Sciences UF	2008
West Ruth E (USA)	Non-thesis Masters (M.Ag.) program (Veterinary School student)	Animal Sciences UF	2007
Alderman Phillip (USA)	Simulating the regrowth dynamics of Tifton 85 bermudagrass as affected by nitrogen fertilization (Ph.D. student, UF)	Interdiscipl. Ecology UF	2008
Pratt Rachel Kristin (USA)	Effects of aluminum from water treatment residual applications to pastures on mineral status of grazing cattle and mineral concentrations of forages (Ph.D. student, UC Davis, California)	Animal Sciences UF	2007
Wimberly Krueger (USA)	Use of plant wax alkanes as predictors of feed intake in cattle grazing tropical forages (Ph.D. student Texas A & M)	Animal Sciences UF	Incomplete
Deke Alkire (USA)	Effects of feeding citrus pulp supplements on the performance of growing beef cattle (Ph.D. student, MSU)	Animal Sciences UF	2003

Brad Austin (USA)	The effects of feeding exogenous fibrolytic enzymes on the performance of growing cattle fed bermudagrass hay and a molasses-based supplement. (Ph.D. student UF)	Animal Sciences UF	2003
Stewart Lawton Jr. (USA)	Management intensity effects on animal performance and herbage responses in bahiagrass pastures (Asst. Prof. UGA)	Agronomy UF	2003
Colleen Casey (USA)	Effect of carbohydrate source and bypass protein on milk production in dairy cows (Dairy Farmer, Okeechobee)	Animal Sciences UF	2003
Edgar Rodriguez (Venezuela)	Effects of Alimet on performance of growing cattle fed forage diets and molasses-based liquid supplements (Professor, Zulia University, Venezuela)	Animal Sciences UF	2002
Anney Douchette (USA)	Non-thesis Masters (M.Ag.) program	Animal Sciences UF	2005

Undergraduate Student Advisees				
Chaired 11 B.S. honors project Committees	Name	Thesis title	Department & Institution ¹	Completion date
	Shavone Taylor	Antimethanogenic effects of tropical plant extracts	Animal Sciences, UF	2015
	Amanda Mulligan	The importance of mechanically processing corn silage for improving milk production from dairy cows	Animal Sciences UF	2002
	Ross B Anthony	The effect of different additives on the in vivo digestion of crimped wheat in lambs	Rural Studies, UWA	2001
	David L. John	The effect of essential oil supplementation on the intake and digestibility of grass silage in lambs	Department & Institution	2000
	Shane T. Ryan	Effect of forage type on the intake and digestibility of lambs.	Rural Studies, UWA	2000
	Paul Gilligan	Determination of the extent of digestion of maize plant fractions in ruminants	Department & Institution	2000
	Martin Browne	Determination of the sites of digestion of maize plants in ruminants	Rural Studies, UWA	2000

¹ UF= University of Florida; UWA= University of Wales, Aberystwyth, United Kingdom; GNU= Gyeongsang National University, S. Korea.

Collete P. Walsh	In vitro investigation into the extent of biohydrogenation of a formaldehyde-treated protected lipid supplement	Department & Institution	2000
Maxine L. Cole	The effect of temperature, urea application level and chop length on the nutritive value of straw.	Rural Studies, UWA	1999
Catherine A. Perelli	The effect of Diamond V XP yeast culture supplementation on the intake and digestibility of grass silage in lambs.	Rural Studies, UWA	1999
Frank Doolan	Effect of maturity on the digestibility of whole crop wheat.	Rural Studies, UWA	1997
Geraint Jones	Effect of cereal species the digestibility of whole crop wheat.	Rural Studies, UWA	1997

¹ UF= University of Florida; UWA= University of Wales, Aberystwyth, United Kingdom.

Foreign student interns / short-term scholars trained

1. Mariele Agarussi, Ph.D. student, Universidade Federal de Viçosa, Brazil (February 2017 to February 2018)
2. Vanessa Paula da Silva, Universidade Federal de Viçosa, Brazil (February 2017 to February 2018)
3. Ms. Jung-Hoon Lee, B.S. student, Gyeongsang National University, South Korea (August 2016 to January 2017).
4. Ms. Xujiao Li, Ph.D. student. China Agricultural University (December 2015 to December 2016).
5. Ms. Anapaula Mayer Camacho, National University Daniel Alcides Carriona, Barrio Miraflores, Oxapampa, Peru
B.S. Student, Peru, (December 2015 to December 2016).
6. Ms. Josimari Regina Paschoaloto, Ph.D. student, São Paulo State University, FCAV/ Unesp/ Jaboticabal, Brazil, (April 01, 2015 to October 30, 2015).
7. Mr. Donghyeon Kim, Ph.D. student, Gyeongsang National University, S. Korea. (December, 2014 to April 2016).
8. Mr. Jorge Zuniga, B.S. student, EARTH University in Guácimo Limon, Costa Rica, (October, 2014 to Jan, 2015).
9. Ms. Andressa Campos, Ph.D. student, Sao Paulo University, Jaboticabal, Brazil (Nov, 2013 to April, 2014).
10. Mr. Felipe Amaro, B.S. student, Universidade Federal de Viçosa, Brazil (July, 2013 to June, 2014).
11. Mr. Rafael Marcondi-Martins, B.S. student Universidade Federal de Viçosa, Brazil (July, 2013 to June, 2014).
12. Mr. Edis Macias, PhD student, La Molina University, Peru (January to July 2013).
13. Ms. Bibiana Coy, B.S. student, Columbia University, Bogota, Columbia (June to Dec, 2013).
14. Mr. Diego Garbuio, B.S. student. Sao Paulo University, Jaboticabal, Brazil (July 2012 to March 2013)
15. Ms. Fernanda Basso, Ph.D. student. Sao Paulo University, Jaboticabal, Brazil (Feb. to July, 2012)
16. Mr. Andres Pech, Universidad Autónoma de Yucatan, Merida, Mexico (August. 2012 to Jan., 2013)
17. Mr. Fabio Kamada, B.S. student. Sao Paulo University, Jaboticabal, Brazil (Oct. 2012 to Jan., 2013)
18. Ms. Uly Braggiato, B.S. student. Sao Paulo University, Jaboticabal, Brazil (Oct. 2012 to Jan., 2013)
19. Mr. Pichard Kjeonsart, Ph.D. student, University of Kohn Kaen, Thailand (Nov. 2009 to Feb. 2010).
20. Mr. Joao Pratti, Daniel, Ph.D. student, Sao Paulo University, ESALQ, Piracicaba, Brazil, Nov. 2009 to March, 2010).
21. Ms. Fernanda Queiroz, Ph.D. student. Sao Paulo University, Jaboticabal, Brazil (Feb. to April 2009)
22. Mr. Miguel Zarate, Veterinarian, Jockey Club of Peru. UF Sponsored (October, 2009 to date).
23. Mr. Junghun Hun, MS student, Gyeongsang National University, S. Korea. Korean University (October, 2009 to 2010).

24. Mr. Donghyeon Kim, MS student, Gyeongsang National University, S. Korea. Korean University (December, 2009 to 2010).
25. Hyukjun Lee. MS student, Gyeongsang National University, S. Korea. Korean University (December, 2009 to 2010).
26. Mr. Junghun Hun, MS student, Gyeongsang National University, S. Korea. Korean University (Sept, 2008 to August 2009).
27. Mr. Yeon Jae, BS student, Gyeongsang National University, S. Korea. Korean University (2010 to 2012).
28. Mr. Taewon Kang, MS student, Gyeongsang National University, S. Korea. Korean University (2006 to 2007).
29. Mr. Rolando Miguel Schlaefli Schutze, Dairy Farm Assistant, Oxapampa, Peru. (2006 to 2007).

CREATIVE WORKS

- Developed a new technique for automated measurement of fermentation gas production from feeds in 2005

SERVICE TO INSTITUTIONS AND ORGANIZATIONS

International

- Chair, Council of Feed the Future Innovation Lab Directors, 2018-2019
- Technical Advisory Group Member, World Bank Enabling the Business of Agriculture livestock team (2017)
- Director, USAID Feed the Future Innovation Lab for Livestock Systems, 2015 to date
- Consultant and Chief Scientific Investigator – International Atomic Energy Agency / Food and Agricultural Organization (FAO) of the United Nations Project on Using Enzymes and Nuclear Technologies to Improve the Utilization of Fibrous Feeds and Reduce Greenhouse Gas Emissions from Livestock (2011 to date)
- Advisory Board Member, USAID Feed the Future Innovation Laboratory for Collaborative Research on Adapting Livestock Systems to Climate Change (most recently known as the Livestock-Climate Change CRSP, LCC CRSP) (2013 to 2015)
- USDA Animal Growth and Nutrient Utilization Program Review Panel, 2014.
- Expert Consultant International Atomic Energy Agency Project on Enhancing Livestock Productivity and Decreasing Environmental Pollution through Balanced Feeding and Proper Manure Management in El Salvador. 2013.
- Organizing Committee Member: 24th American Dairy Science Society Discover conference on “Rumen Microbiology”, Naperville, IL, 2012.
- Organizing Committee Member: XVth International Silage Conference, Madison, WI, 2009.
- Organizing Committee Member: 44th Caribbean Food Crops Society Conference, Miami, FL, 2008.
- Organizing Committee Member: British Society of Animal Science International Conference titled ‘In vitro techniques for measuring nutrient supply to ruminants’. Mexico, 1999.

National

- Chair, American Dairy Science Association, Forages and Pastures Committee. 2010-2011; Member, 2007 to 2010.
- Chair, American Society of Animal Science, Southern Section Ruminant Nutrition Committee. 2010-2011; Member, 2008 to 2010.
- Member, American Dairy Science Association Pioneer Hi-Bred Forage Award Committee, 2008 to date.
- Member, International Committee of the British Society of Animal Sciences. 1999-2001.

Regional / State

- Co-chair Organizing Committee, Florida Corn Silage, and Conserved Forage Field Day, 2002 to date.
- Session Chair and Co-organizer, Florida Ruminant Nutrition Symposium, 2007 to date.
- Co-chair Organizing Committee, Florida Ruminant Nutrition Symposium, 2004 to 2015.
- Co-organizer, Florida Dairy Production Conference, 2007 to date.
- Co-organizer, Florida Dairy Production Conference, 2007 to date.
- Co-organizer, Florida and Georgia Corn Silage and Conserved Forage Field Day, 2007 to date.
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University of Florida

- President, University of Florida Christian Faculty Fellowship, 2013 to date.
- Advisory Council Member, University of Florida Plant Science Research Unit, Citra, 2014 to 2017.
- Appointed to UF Graduate Council, 2015.
- President, Sigma Xi, The Scientific Research Society, 2014 to date.
- Member, Goal Setting Task Force for the Florida Agricultural Experiment Station
- Member, Search and Screen Committee for the position of Dean for Research, Institute of Food and Agricultural Sciences, UF (2014); Dr. Jackie Burns hired.
- Chair, University of Florida Research Foundation Professorship Award Committee for IFAS, 2012
- Department of Animal Sciences representative on the IFAS Faculty Assembly, the forum for shared governance between IFAS administrators and faculty, 2008 to 2012.
- Member, IFAS International Programs Advisory Team, 2003 to 2012;
- Chair, IFAS International Programs Advisory Team, 2009 to 2010;
- Chair, IFAS International Fellow Award Committee, 2008;
- Courtesy Faculty Affiliate, Center for African Studies, University of Florida, 2009 to date.
- Member, Interdisciplinary Nutritional Sciences Program, 2009 to date.
- Member, IFAS Faculty Council (Advisory council for the IFAS Senior Vice president), 2007 to 2009.
- Member, Search and Screen Committee for the IFAS Director of International Programs for Agriculture and Natural Resources, 2009 to date.
- Member, Center for Nutritional Sciences, UF, 2007 to date.
- Manager, UF – University of Ibadan, Nigeria Cooperative Agreement, 2006 to date.
- Manager, UF – Anton de Kom University of Suriname, Cooperative Agreement, 2009 to date.
- Chair, Mentoring Committee for Dr. J. Vendramini, Asst. Prof., Agronomy Department, 2007 to date.
- Faculty Adviser, Campus Crusade for Christ, 2008 to date.
- Member, College of Agriculture Curriculum Committee, 2004 to 2008.
- Member, Gamma Sigma Delta Awards Committee, 2007.
- Member, IFAS Animal Use Committee, 2005 to 2007.
- Member, IFAS Grass Development Task Force, 2002 to 2004.
- Member, Minority Mentoring Program, 2002 - 2004.

Department of Animal Sciences, UF

- Director, Department of Animal Sciences Graduate Program, 2011 to 2015.
- Organizer, Department of Animal Sciences Retreat, Live Oak Fl., 2015
- Organizer, Department of Animal Sciences Grantsmanship Workshop, 2012
- Chair, Search Committee for a Gastrointestinal Microbiology Assistant Professor Position, 2012. T. Hackmann hired.
- Speaker, Career day at Santa Fe College, Alachua, January 2012.
- Member, Search Committee for a Forage Breeder Assistant Professor Position, 2012 to date.
- Chair, Mentoring Committee for Dr. C. Mortenson, Asst. Prof., Animal Science Dept. 2012 to date.
- Member, Mentoring Committee for Dr. N. Dilorenzo, Asst. Prof., Animal Science Dept. 2010 to date.

- Member, Search Committee for a Ruminant Nutrition Assistant Professor Position, 2009. J. Santos hired.
- Chair, Department of Animal Sciences Graduate Committee, 2010 to date.
- Chair, Department of Animal Sciences Shared Governance Committee, 2010 to date.
- Member, Department of Animal Sciences Advisory Council, 2010 to date
- Member, Peer Assessment Committee convened to review a colleague's performance, 2010. • Member, Search Committee for a Ruminant Nutrition Assistant Professor Position, 2009
- Member, Academic Programs Committee. 2007 to date.
- Member, Department of Animal Sciences, Graduate Curriculum Committee, 2007 to date.
- Member, Beef and Dairy Cattle Committees, 2001 to date.
- Departmental Liaison for international matters. 2007 to date.
- Member. Departmental Strategic Planning Committee. 2007 to date.
- Chair, Departmental Review Preparation Committee for the Animal Nutrition Program, 2006.
- Member Search Committee for a Beef Cattle Nutrition Assistant Professor position, 2009-2010
- Chair, Search Committee for a Dairy Nutrition Assistant/Associate Professor position, 2007-2008.
- Member, Search Committee for the Chair of Animal Sciences position, 2006.
- Member, Search Committee for an Agronomy Assistant/Associate Professor position, 2006.
- Member, Search Committee for an Equine Nutrition Assistant/Associate Professor position, 2003.
- Member, Search Committee for a Ruminant Nutrition Assistant/Associate Professor position, 2003.
- (Excellent candidates were hired in each case)

University of Wales, United Kingdom

- Undergraduate Coordinator for the Animal Sciences program, 1999 – 2001.
- Internal Examiner for the Animal Sciences program, 1998 – 2001.
- Admissions tutor, 1997 – 2001.
- UWA representative in the Alternative Forages Research Group, 1997-2001.
- UWA Representative, Milk Development Council College Network for Dairy Production, 1996-1997.
- General Secretary, University of Wales, Aberystwyth Agricultural Society, 1995 – 1997.
- Press Secretary, University of Wales, Aberystwyth Agricultural Society, 1996 – 1997.

PUBLICATIONS: Total = 443

* Postdoctoral researcher in my program.

† Graduate student whose committee I chaired.

§ Graduate student on whose committee I served as a member Senior authors' names are underlined.

Books: Total =1

1. Hristov, A.N. Oh, J., Lee, C., Meinen, R. Montes, F. Ott, T. Firkins, J., Rotz, A., Dell, C. **Adesogan**, A.T., Yang, W. Z., Tricarico, J., Kebreab, E., Waghorn, G., Dijkstra, J., Oosting, S. 2013. Mitigation of greenhouse gas emissions in livestock production: A review of technical options for non-CO₂ emissions. (eds.) Pierre J. Gerber, Benjamin Henderson and Harinder Makkar FAO, Animal Production and Health Division. Paper No. 177. 226 pp., FAO, Italy, Rome.

Books, Edited: Total = 3

1. Rathinasabapathi, B., Cuda, J.P., **Adesogan**, A.T., Colon-Guasp, W. and Evans, L. (editors). 2009. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. Miami, FL. July, 2008. 332 pp.
2. Broderick, G.A., **Adesogan**, A.T., Bocher, L.W., Bolsen, K.K., Contreras-Govea, F.E., Harrison, J.H., and Muck, R.E. (editors) 2009. Proceedings of the XVth International Silage Conference, Madison, WI. July 2009. 501 pp.
3. Owen, E., Deaville, E.R., Rymer, C., **Adesogan**, A.T., and Huntington, J. (editors). 2000. *In vitro techniques for measuring nutrient supply to ruminants*. British Society of Animal Science Occasional Publication No. 22, Edinburgh, United Kingdom, 348 pp.

Books, Contributor of Chapters: Total = 10

1. **Adesogan**, A.T., L.E. Sollenberger and J.C. Dubeux. 2015. Nutrient movement through livestock systems. In: Sustainable use of grassland resources for forage production, biodiversity and environmental protection. Proc. 23rd International Grassland Congress. New Delhi, India, November 20 to 24. Range Mgt. Soc., Jansi, India.
2. **Adesogan**, A.T. 2011. Management strategies for optimizing forage quality for dairy production. Chapter 20 in Dairy Production Medicine. C. Risco and P. Melendez (eds). Wiley, Blackwell publishing Ltd, Oxford, UK.
3. Moore, J.E., **Adesogan**, A.T., Coleman, S.W.D., Undersander, J. 2007. Predicting forage quality. Chapter 36 in Forages Volume II: The Science of Grassland Agriculture. R.F. Barnes, K.J. Moore, J.C. Nelson, M. Collins, eds. Blackwell Publishing, Iowa.
4. Colombatto, D., and **Adesogan**, A.T. 2007. Applications of cell wall degrading enzymes as additives for ruminant feeds. Chapter 3 in Polysaccharides and Polysaccharidases in Food and Agriculture. D.I. Givens, ed., pp. 203 - 220. Research Signpost, India.
5. Givens, D.I., Owen, E., and **Adesogan** A.T. 2000. Current procedures, future requirements and the need for standardisation. Chapter 6 in Forage Evaluation and Ruminant Nutrition. D. I. Givens, E. Owen, R. F. E. Axford, and H. M. Omed, eds. CABI Publishing, Wallingford, UK.
6. Givens, D.I., Owen, E., and **Adesogan** A.T. 2000. Current Procedures, future requirements and the need for standardisation. Chapter 6. In: *Forage Evaluation and Ruminant Nutrition* (eds D.I. Givens, E. Owen, R.F.E. Axford and H.M. Omed) pp. 449 - 474. CABI Publishing, Wallingford, UK.
7. **Adesogan**, A.T. Givens, D.I, and Owen, E. 2000. Chemical composition and Nutritive Value of Forages. Chapter 11. In: *Field and Laboratory Methods for Grassland and Animal Production Research* (eds L t'Mannetje and R M Jones) pp. 263-278. CABI Publishing. Wallingford UK.
8. **Adesogan**, A.T., Givens, D. I., and Owen, E. 1998. A comparison between *in vitro* digestibility, *in situ* degradability and a gas production technique for predicting the *in vivo* digestibility of whole crop wheat. In: *In vitro techniques for measuring nutrient supply to ruminants*. (eds E. Owen, E.R. Deaville, Rymer, C., **Adesogan**, A.T. and Huntington, J.) British Society of Animal Science Occasional Publication No. 22. pp. 33-36.

Refereed Journal Articles: Total = 128 published or "in press" or "accepted".

1. Keshav Sah, P. Karki, R. D. Shrestha, A. Sigdel, A. Adesogan and Geoffrey E. Dahl. 2020. Improving control of mastitis in dairy animals in Nepal. J. Dairy Sci. In press.

2. Li, F., Z. Ding, A. T. Adesogan, W. Ke, Y. Jiang, J. Bai, S. Mudassar, Y. Zhang, W. Huang, X. Guo. 2020. Effects of class IIa bacteriocin-producing *Lactobacillus* species on fermentation quality and aerobic stability of alfalfa silage. *Animals*. Accepted for publication.
3. Jiang, Y., I. M. Ogunade, A. A. Pech-Cervantes, P. X. Fan, X. Li, D. H. Kim, K. G. Arriola, M. B. Poindexter, K. C. Jeong, D. Vyas, A. T. Adesogan. 2020. Effect of sequestering agents based on a *Saccharomyces cerevisiae* fermentation product and clay on the ruminal bacterial community of lactating dairy cows challenged with dietary aflatoxin B1. *J. Dairy Sci.* In Press. <https://doi.org/10.3168/jds.2019-16851>.
4. Balehegn, M., A. Duncan, A. Tolera, S. Issa, M. Karimou, N. Zampaligré, K. André, P. Varijakshapanicker, E. Kebreab, J. Dubeux, K. Boote, M. Minta, F. Feyissa, and A. T. Adesogan. 2020. Improving adoption of technologies and interventions for increasing supply of quality livestock feed in low- and middle-income countries. *Global Food Security*. 26: 100372. <https://doi.org/10.1016/j.gfs.2020.100372>
5. Adesogan, A. T., H. Auerbach, T. F. Bernardes, K. K. Bolsen, G. Borreani, Y. Cai, W. K. Coblenz, J. L. P. Daniel, D. R. Davies, F. Driehuis, L. F. Ferraretto, R. J. Grant, P. Huhtanen, L. Kung Jr., T. A. McAllister, R. E. Muck, E. M. G. Nadeau, N. Nishino and K. Weiß. 2020. Silage manuscripts in the *Journal of Dairy Science*. *J. Dairy Sci.* 103:6737-673.
6. A.T. Adesogan, Mckune, S., M. E. Eilitta, G.E. Dahl, A. Havelaar. 2020. Animal source foods: sustainability problem or sustainability and malnutrition solution? *Perspective matters*. *Global Food Sec.* 49: In Press. <https://doi.org/10.1016/j.gfs.2019.100325>
7. Jiang, Y., I. M. Ogunade, K. G. Arriola, A. A. Pech-Cervantes, D. H. Kim, X. Li, Y.L. Yue, D. Vyas, A. T. **Adesogan**. 2020. Effects of a physiologically relevant concentration of aflatoxin with or without sequestering agents on *In Vitro* Rumen Fermentation of a Dairy Cow Diet. *J. Dairy Sci.* 103: <https://doi.org/10.3168/jds.2019-17318>
8. Santos, J.E., Perdomo, M. Marsola, R., Favoreto, M., Adesogan, A. T. and Staples, C. E. 2020. Effects of feeding live yeast at two dosages on performance and feeding behavior of dairy cows under heat stress. *J. Dairy Sci.* 103 (1) 325-339. <https://doi.org/10.3168/jds.2019-17303>.
9. Ogunade, I. M., Jiang, Y., and A.T. Adesogan. 2019. PSXII-2 DI/LC-MS/MS-based plasma metabolomics reveals the effects of sequestering agents on the metabolic status of dairy cows challenged with dietary aflatoxin B1. *Journal of Animal Science*: 97(3): 414-415. <https://doi.org/10.1093/jas/skz258.822>
10. Pech-Cervantes, A., I. M. Ogunade, Y. Jiang, M. Irfan, K.G. Arriola, F. X. Amaro, C. F. Gonzalez, N DiLorenzo, J. Bromfield, D. Vyas, and A. T. Adesogan. 2019. An expansin-like protein expands forage cell walls and synergistically increases hydrolysis, digestibility and fermentation of livestock feeds by fibrolytic enzymes. *Plos One*: 14 (11):e0224381. <https://doi.org/10.1371/journal.pone.0224381>.
11. Ding, Z.T., D.M. Xu, J. Bai, F.H. Li, A.T. Adesogan, P. Zhang, X.J. Yuan, X.S. Guo. 2019. Characterization and identification of ferulic acid esterase-producing *Lactobacillus* species isolated from *Elymus nutans* silage and their application in ensiled alfalfa. *J. Appl. Microbiol.* 127: 1-11. <https://doi.org/10.1111/jam.14374>
12. Balehegn, M., Z. Mekuriaw, L. Miller, S. McKune, and A. T. **Adesogan**, 2019. Animal-sourced foods for improved cognitive development. *Anim. Frontiers*, 9: 50–57. <https://doi.org/10.1093/af/vfz039>
13. Jiang, Y., P. J. Hansen, Y. Xiao, T. F. Amaral, D. Vyas, and A. T. **Adesogan**. 2019. Aflatoxin compromises development of the preimplantation bovine embryo through mechanisms independent of reactive oxygen production. *J. Dairy Sci.* 102:10506–10513. <https://doi.org/10.3168/jds.2019-16839>
14. Varijakshapanicker, P., S. McKune, L. Miller, S. Hendrickx, M. Balehegn, G. E. Dahl and A. T. **Adesogan**. 2019. Sustainable livestock systems to improve human health, nutrition and economic status. *Anim. Frontiers*, 9: 39–50. <https://doi.org/10.1093/af/vfz031>
15. Pech-Cervantes, A. A., I. Muhammad, I. M. Ogunade, Y. Jiang, D. H. Kim, C. F. Gonzalez, T. J. Hackmann, A. S. Oliveira, D. Vyas, and A. T. **Adesogan**. 2019. Exogenous fibrolytic enzymes and recombinant bacterial expansins synergistically improve hydrolysis and *in vitro* digestibility of bermudagrass haylage. *J. Dairy Science*. 102: 8059–8073. <https://doi.org/10.3168/jds.2019-16339>
16. **Adesogan**, K. G. Arriola, Y. Jiang, A. Oyebade, E. M. Paula, A. A. Pech-Cervantes, J. J. Romero, L. F. Ferraretto, and D. Vyas. 2019. Technologies for improving fiber digestion. *J. Dairy Sci.* 102:5726–5755. <https://doi.org/10.3168/jds.2018-15334>

17. Huisden, C. M., V. Butterweck, N. J. Szabo, J. M. Gaskin, K. G. Arriola, A. Raji and A. T. **Adesogan**. 2019. Effects of detoxification of mucuna pruriens on the feed intake, behavior, organ weights, blood cell counts and metabolites of rats. *Trop. Subtrop. Agroecosystems*. 22(2): 379-389.
18. Huisden, N. J. Szabo, K. G. Arriola, and A. T. **Adesogan**. 2019. The effect of Mucuna pruriens detoxification, through sonication and alkali or acid extraction, on L-dopa concentration and nutritional value. *Tropical and Subtropical Agroecosystems*. *Trop. Subtrop. Agroecosystems*. 22(1): 379-389:45-53.
19. Ogunade I. M., Y. Jiang[†], A. Adeyemi, A. S. Oliveira, D. Vyas, and A. T. **Adesogan**. 2018. Biomarker of Aflatoxin Ingestion: 1H NMR-Based Plasma Metabolomics of Dairy Cows Fed Aflatoxin B1 with or without Sequestering Agents. *Toxins*, 10(12), 545; <https://doi.org/10.3390/toxins10120545>
20. Daniel^{*}, J. L. P., O. C. M. Queiroz^{*}, K. G. Arriola, R. Daetz^{*}, F. Basso^{*}, J. J. Romero, and A. T. **Adesogan**. 2018. Homolactic bacterial inoculant effects on the performance of lactating dairy cows. *J. Dairy Sci.* *J. Dairy Sci.* 101: 5145–5152.
21. Grant, R. J. and A. T. **Adesogan**. 2018. Silage review: Introduction. *Journal of Dairy Science Silage Review: Introduction*. *J. Dairy Sci.* 101: 3935-3936
22. Driehuis, F., J. M. Wilkinson, Y. Jiang^{*}, I. Ogunade^{*} and A. T. **Adesogan**. 2018. Silage review: Animal and human health risks from silage. *J. Dairy Sci.* 101: 4093–4110.
23. Queiroz, O. C. M., I. M. Ogunade^{*}, Z. Weinberg and A. T. **Adesogan**. 2018. Silage review: Foodborne pathogens in silage and their mitigation by silage additives. *J. Dairy Sci.* 101: 4132–4142.
24. Bernardes, T., J. L. P. Daniel, A. T. **Adesogan**, T. McAllister, P. Drouin, L. Nussio, P. Huhtanen, G. Tremblay, Gaetan; G. Belanger, and Cai, Yimin. 2018. Silage review: Unique challenges of silages made in hot and cold regions. *J. Dairy Sci.* 101: 4001–4019.
25. Ben-Meir, Y. B., E. Jamia, Y. Portnika, S. Ya'acoby, Y. Chenc, I. M. Ogunade, A. T. **Adesogan** and Z. G. **Weinberg**. 2018. The effect of silage inoculants on the quality of baled wheat silages and milking cows performance. *Grassl. Sci.* 604:207-214
26. Kim, D.H., S. M. Amanullah, H. J. Lee, Y. H. Joo, O. K. Han, A. T. **Adesogan**, S. C. **Kim**. 2018. Effects of hybrid and bacterial inoculation on fermentation quality and fatty acid profile of barley silage. *Anim. Sci. J.* 89:140-148. doi: 10.1111/asj.12923.
27. Ogunade[†] I. M., Y. Jiang[†], A. A. Pech Cervantes[†], D. H. Kim[†], A. S. **Oliveira**, D. **Vyas**^{*}, Z. G. **Weinberg**[†], K. C. **Jeong**^{*}, and A. T. **Adesogan**. 2018. Bacterial diversity and composition of alfalfa silage as analyzed by Illumina MiSeq sequencing: Effects of E. coli O157:H7 and silage additives. *J. Dairy Sci.* 101: 2048-2059. doi: 10.3168/jds.2017-12876.
28. Romero[†], J. J., M. A. Zarate[†], I. M. Ogunade[†], K. G. Arriola, and A. T. **Adesogan**. 2018. Tropical plant supplementation effects on the performance and parasite burden of goats. *Asian-Australian J. Anim. Sci.* 31: 208-217. doi: 10.5713/ajas.17.0321.
29. Jiang[†], Y., I. M. Ogunade[†], K. G. Arriola, M. Qi, D. Vyas, C. R. Staples, and A. T. **Adesogan**. 2017. Effects of the dose and viability of *Saccharomyces cerevisiae*. 2. Ruminal fermentation, performance of lactating dairy cows and correlations between ruminal bacteria abundance and performance measures. 2017. *J. Dairy Sci.* 100:8102–8118
30. Weinberg Z. G., R. Fethiere, **Adesogan** A. T., Sollenberger L. 2017. Tensile strength of warm and cool season forage grasses in Florida. *J. Texture Stud.* 48(5):382-385.
31. Ma[†], Z. X.F. X. Amaro[†], J. J. Romero[†], O. G. Pereira, K. C. Jeong, and A. T. **Adesogan**. 2017. The capacity of silage inoculant bacteria to bind aflatoxin B1 in vitro and in artificially contaminated corn silage. *J. Dairy Sci.* 100:7198–7210.
32. Arriola^{*}, K. G., A. S. Oliveira^{*}, Z. X., Ma[†], I. J. Lean, M. J. Giurcanu, and **Adesogan**, A.T. 2017. A meta-analysis on the effect of exogenous fibrolytic enzyme diet application on the performance of dairy cows. *J. Dairy Sci.* 100:4513–4527
33. Junges, D., G. Morais, M. H. F. Spoto, P. S. Santos, A. T. **Adesogan**, L. G. Nussio, and J. L. P. **Daniel**. 2017. Proteolytic sources during fermentation of reconstituted corn grain silages. *J. Dairy Sci.* 100:9048–9051.

34. Oliveira*, A. S., Z. G., Weinberg, I. M. Ogunade[†], A. A. Pech-Cervantes[†], G. A. Arriola*, Y. Jiang[†], D. Kim, X. Li, C. M. Gonçalves, D. Vyas and A. T. **Adesogan**. 2017. Meta-analysis of effects of homolactic or facultative heterofermentative bacteria inoculation on silage fermentation and aerobic stability and the performance of dairy cows. *J. Dairy Sci.* 100:4587-4603
35. Jiang[†], Y., I. M. Ogunade[†], S. Qi, T. J. Hackmann, C. R. Staples, and A. T. **Adesogan**. 2017. Effects of the dose and viability of *Saccharomyces cerevisiae*: 1. Diversity of ruminal microbes as analyzed by Illumina MiSeq sequencing and quantitative PCR. *J. Dairy Sci.* 100:325-342
36. Ogunade[†], I. M., Y. Jiang[†], D. H. Kim[†], A. A. Pech Cervantes[†], K. G. Arriola[†], D. Vyas, Z. G. Weinberg, K. C. Jeong, and A. T. **Adesogan**. 2017. Fate of *E. coli* O157:H7 and bacterial diversity in corn silage contaminated with the pathogen and treated with chemical or microbial additives. *J. Dairy Sci.* 17801794.
37. Ma[§], Z., D. Kim*, A. T. **Adesogan**, S. Ko, K. Galvao, and K. C. Jeong. 2016. Chitosan microparticles exert broad spectrum antimicrobial activity against antibiotic resistant microorganisms without increasing resistance. *ACS Appl. Mater. Interfaces.* 4:8(17):10700-10709.
38. Weinberg, Z. G., Y. Chen, V. Volchinski, S. Sela, Ogunade[†], I. M. and **Adesogan** A.T. An in vitro model to study interactions between *Escherichia coli* and lactic acid bacterial inoculants for silage in rumen fluid. *Letts. Appl. Microbiol.* 63(1):60-5.
39. Vendramini J. M., A. D. Aguiar, A. T. **Adesogan**, L. E. Sollenberger, E. Alves, L. Galzerano L, P. Salvo, A. L. Valente, K. G. Arriola*, Z. X. Ma[†], and F. C. Oliveira. Effects of genotype, wilting, and additives on the nutritive value and fermentation of bermudagrass silage. *J Anim Sci.* 94(7):30613071.
40. Daniel[†], J. L. P., O.C.M. Queiroz*, K. G. Arriola*, C. R. Staples, J. J. Romero[†], J. H. Shin[§], J. R. Paschoaloto[§], L. G. Nussio and A. T. **Adesogan**. 2016. Effects of maturity at ensiling of bermudagrass and fibrolytic enzyme application on the performance of early-lactation dairy cows. *J. Dairy Sci.* 99:9716-9723.
41. Kim[§], D. H. S. M. Amanullah, H. J. Lee, Y. H. Joo, O. K. Han, A. T. **Adesogan**, and Sam Churl Kim. Effects of different cutting height on nutritional quality of whole crop barley silage and feed value on hanwoo heifers. *Asian Australas. J. Anim. Sci.* Vol. 29, No. 9: 1265-1272 September 2016.
<http://dx.doi.org/10.5713/ajas.16.0099>
42. Mpeketula-Soko[§], M., S.K. Williams, A.T. **Adesogan**, and G.E. Dahl. 2016. Survey to determine current methods for handling and preservation of fresh fish in three Malawi cities. *Dir. Res. J. Agric. Fd Sci.* 4:28-34.
43. Ogunade[†], I. M., D. H. Kim[†], Y. Jiang[†],* Z. G. Weinberg, K. C. Jeong, and A. T. **Adesogan**. 2016. Control of *Escherichia coli* O157:H7 in alfalfa silage contaminated with the pathogen: Effects of silage additives. *J. Dairy Sci.* 99:4427-4436.
44. Romero[†], J. J., E. G., Macias[§], Z. X. Ma[†], R. M. Martins, C. R. Staples, K. A. Beauchemin, and A. T. **Adesogan**. 2016. Improving the performance of dairy cattle with a xylanase-rich exogenous enzyme preparation. *J. Dairy Sci.* 99: 3486–3496.
45. Kim[§], D. H., H. J. Lee, S. M. Amanullah, A.T. **Adesogan**, and S.C. Kim. 2016. Effects of dietary n-6/n3 fatty acid ratio on nutrient digestibility and blood metabolites of Hanwoo heifers. *Anim. Sci. J.* 87, 46–53.
46. Romero[†], J. J., Z. X. Ma[†], C. Gonzalez, and A. T. **Adesogan**. 2015. Effect of adding cofactors to exogenous fibrolytic enzymes on preingestive hydrolysis, in vitro digestibility and fermentation of bermudagrass haylage. *J. Dairy Sci. J Dairy Sci.* 98(7):4659-72. doi: 10.3168/jds.2014-8849.
47. Mpeketula-Soko[§], M., S.K. Williams, A.T. **Adesogan**, and G.E. Dahl. 2015. Quality attributes and reduction in total microbial population of fresh Malawian Tilapia (*Oreochromis* species) treated with dried buffered vinegar and stored on ice. *Dir. Res. J. Agric. Fd Sci.* 3:30-37.
48. Romero[†], J. J., M. Zarate[†], K.A. Arriola*, C. Gonzalez, C. Silva-Sanchez, C.R. Staples, and A. T. **Adesogan**. 2015. Screening exogenous fibrolytic enzyme preparations for improved in vitro digestibility of bermudagrass haylage. *J. Dairy Science. J. Dairy Sci.* 98:2555–2567.
49. Waters[§], K., V. Mercadante, G. H. L. Marquezini, N. DiLorenzo, A. T. **Adesogan**. and C. G. Lamb. 2015. Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers. *Prof. Anim. Sci.* 31:40-49.
50. Arriola*, K. G., O. C. M. Queiroz[†], J. J. Romero[†], D. Casper, E. Muniz*, J. Hamie[†], and A. T.

- Adesogan**. 2015. Effect of microbial inoculants on the quality and aerobic stability of bermudagrass round-bale haylage. *J. Dairy Sci.* 98:478-485.
51. Romero[†], J. J., M. A. Zarate[†], and A. T. **Adesogan**. 2014. Effect of the dose of exogenous fibrolytic enzyme preparations on preingestive fiber hydrolysis, ruminal fermentation and in vitro digestibility of bermudagrass haylage. *J. Dairy Science.* 98:406-417.
52. Krueger[§], N. C., L. E. Sollenberger,* A. R. Blount, J. M. B. Vendramini, N. L. S. Lemos, A. G. Costa, and A. T. **Adesogan**. 2014. Mixed stocking by cattle and goats for blackberry control in Rhizoma peanut–grass pastures. *Crop Sci.* 54: 6: 2864-2871.
53. Huisden[†], C. M., N. J. Szabo, I. M. Ogunade[†] and A. T. **Adesogan**. 2014. *Mucuna pruriens* detoxification: 1. Effects of ensiling duration and particle size. *Anim. Feed. Sci. Technol.* 198:20-27.
54. Basso*, F. C., A. T. **Adesogan**, E. C. Lara, C.H.S. Rabelo, T. T. Berchielli, I. A. M. A. Teixeira, G. R. Siqueira and R. A. Reis. 2014. Effects of feeding corn silage inoculated with microbial additives on the ruminal fermentation, microbial protein yield and growth performance of lambs. *J. Anim. Sci.* 92:56405650.
55. **Adesogan**, A. T., Z. X. Ma[†], J. J. Romero[†] and K. G. Arriola*. 2014. Improving cell wall digestion and animal performance with fibrolytic enzymes (Invited review). *J. Anim. Sci.* 92:1317-1330.
56. Hristov, A. N., J. Oh, J. Firkins, J. Dijkstra, E. Kebreab, G. Waghorn, H. P. S. Makkar, A. T. **Adesogan**, W. Yang, C. Lee, P. J. Gerber, B. Henderson, and J. M. Tricarico. 2013. Mitigation of methane and nitrous oxide emissions from animal operations: I. A review of enteric methane mitigation options: *J. Anim. Sci.* 91:5045-5069.
57. Hristov, A. N., T. Ott, J. Tricarico, A. Rotz, G. Waghorn, A. T. **Adesogan**, J. Dijkstra, F. Montes, J. Oh, E. Kebreab, S. Oosting, P. J. Gerber, B. Henderson, H. P. S. Makkar, and J. Firkins. Mitigation of methane and nitrous oxide emissions from animal operations: III. A review of animal management mitigation options. *J. Anim. Sci.* 91:5095–5113.
58. Romero[†], J.J., M.A. Zarate[†], O.C.M. Queiroz[†], J.H. Han[†], J.H. Shin, C.R. Staples, W.F. Brown, and A.T. **Adesogan**. 2013. Fibrolytic enzyme and ammonia application effects on the nutritive value, intake, and digestion kinetics of bermudagrass hay in beef cattle. *J. Anim. Sci.* 91(9):4345-4356.
59. Queiroz[†], O. C. M., K. G. Arriola*, J. L. P. Daniel, and A. T. **Adesogan**. 2013. Effects of 8 chemical and bacterial additives on the quality of corn silage. *J. Dairy Sci.* 96(9):5836-5843.
60. Foster[†], J. L., J. N. Carter, G. C. Lamb, L. E. Sollenberger, A. R. Blount, R. O. Myer, M. K. Maddox, and A. T. **Adesogan**. 2013. Performance of Beef Cattle Creep Fed Concentrate or Creep Grazed on Warm-Season Legumes. *Crop Sci.* 53 :1818-1825.
61. Gerber P.J., Hristov A.N., Henderson B., Makkar H., Oh J., Lee C., Meinen R., Montes F., Ott T., Firkins J., Rotz A., Dell C., **Adesogan** A.T., Yang W.Z., Tricarico J.M., Kebreab E., Waghorn G., Dijkstra J., Oosting S. 2013. Technical Options for the mitigation of direct methane and nitrous oxide emissions from livestock: A review. *Animal* 7, Suppl. 2:220-234.
62. Crosswhite, J.D., N.B. Myers, A.T. **Adesogan**, D.D. Johnson, J.H. Brendemuhl, and C.C. Carr. 2013. The effect of dietary citrus pulp on the growth, feed efficiency, carcass merit, and lean quality of finishing pigs. *Prof. Anim. Sci.* 29:345-358
63. Arriola[†], K. G. and A. T. **Adesogan** 2013. Effect of fibrolytic enzyme application on the digestibility of corn silage, alfalfa hay, two concentrates, and complete diets under simulated ruminal and preruminal conditions. *Anim. Nutr. Fd. Technol.* 13:537-550.
64. Dean[†], D.B., E. Valencia, N.A. Krueger[†] and A.T. **Adesogan**. 2013. Effect of treatment with fibrolytic enzymes or ammonia on the nutritive value of guineagrass (*Panicum maximum*) hays. *Anim. Nutr. Fd. Technol.* 13:517-525.
65. Dean[†], D. B., C. R. Staples, R. C. Littell S. C. Kim and A. T. **Adesogan***. 2013. Effect of method of adding a fibrolytic enzyme to dairy cow diets on feed intake, digestibility, milk production, ruminal fermentation, and blood metabolites. *Anim. Nutr. Fd. Technol.* 13:337-353.
66. Tous-Rivera K, Valencia E.; Rodriguez, A. A., Randel, P.F., **Adesogan**, A. 2013. Exogenous fibrolytic enzymes affect chemical composition, animal intake and digestibility of guinea grass hay (*Panicum Maximum* Jacq.) *J. Agric. Univ. Puerto Rico*: 94: 131-146.

67. Queiroz[†] O. C. M., S. C. Kim[†], and A. T. **Adesogan**. 2012. Effect of treatment with a mixture of bacteria and fibrolytic enzymes on the quality and safety of corn silage infested with different levels of rust. *J. Dairy Sci.* 95: 5285-5291
68. Kim^{*}, S.C., A.T. **Adesogan**, J.H. Shin. 2012. Effects of dietary addition of wormwood (*Artemisia montana* Pampan) silage on growth performance, carcass characteristics, and muscle fatty acid profiles of beef cattle. *Anim. Fd. Sci. Technol.* 177:15-22.
69. Shin, J. H., D. Wang, S. C. Kim[†], A. T. **Adesogan**, and C. R. Staples 2012. Effects of feeding crude glycerin on performance and ruminal kinetics of lactating Holstein cows fed corn silage or cottonseed hull-based, low-fiber diets. *J. Dairy Sci.* 95 :4006–4016.
70. Queiroz[†], K. G. Arriola[†] and M. F. Queiroz[†], A. T. **Adesogan**. 2012. Effect of a dual-purpose inoculant on the quality, preservation and nutrient losses from corn silage produced in farm-scale silos. *J. Dairy Sci.* 95 3354-3362.
71. Arriola[†], K.G., S.C. Kim[†], C.M. Huisden[†], A.T. **Adesogan**. 2012. Stay-green ranking and maturity of corn hybrids 1: Effects on dry matter yield, nutritional value, fermentation characteristics, and aerobic stability of silage hybrids in Florida. *J. Dairy Science.* 95:964-974.
72. Arriola[†], K.G., S.C. Kim[†], C.R. Staples, A.T. **Adesogan**. 2012. Stay-green ranking and maturity of corn hybrids 2: Effects on the performance of lactating dairy cows. *J. Dairy Sci.* 95:975-985.
73. Vendramini, J.M.B., J.A. Arthington, and A.T. **Adesogan**, 2012. Effects of incorporating cowpea in a subtropical grass pasture on forage production and quality and the performance of cows and calves. *Grass and Forage Science.* 67:129-135.
74. Arriola[†], K.G., S.C. Kim[†], C.R. Staples, A.T. **Adesogan**. 2011. Effect of applying bacterial inoculants containing different types of bacteria to corn silage on the performance of dairy cattle. *J. Dairy Sci.* 94:832-841.
75. Foster[†], J.L., J. N. Carter, L. E. Sollenberger, A. R. Blount, R. O. Myer, M. K. Maddox, S. C. Phatak A. T., and **Adesogan**. 2011. Nutritive value, fermentation characteristics, and in situ disappearance kinetics of ensiled warm-season legumes and bahiagrass. *J. Dairy Sci.* 94:2042-2050.
76. Arriola[†], K.G., S.C. Kim[†], C.M. Huisden[†], A.T., **Adesogan**. 2011. Effect of applying inoculants with heterolactic or homolactic bacteria on the fermentation and quality of corn silage. *J. Dairy Sci.* 94:1511-1516.
77. Arriola[†], K.G., S.C. Kim^{*}, T. Kang^{*}, C.M., Huisden[†], C.R. Staples, A.T. **Adesogan**. 2011. Effect of fibrolytic enzyme application to diets differing in concentrate proportion on the performance of lactating dairy cattle. *J. Dairy Sci.* 94:832-841.
78. Inyang[§], U., J.M.B. Vendramini, L.E. Sollenberger, M.L.A. Silveira, B. Sellers, A. **Adesogan**, Paiva, L., and A. Lunpha. 2010. Harvest frequency and stubble height affects herbage accumulation, nutritive value, and persistence of 'Mulato II' grass. *Forage and Grazinglands.* doi:10.1094/FG-2010-0923-01RS.
79. Bernard, J.K., J.J. Castro, N.A. Mullis, A.T. **Adesogan**, J.W. West, G. Morantes. 2010. Effect of feeding alfalfa hay or Tifton 85 bermudagrass haylage with or without a cellulase enzyme on performance of Holstein cows. *J. Dairy Sci.* 93:5280-5285.
80. Pedroso^{*}, A.F., **Adesogan**, A.T. Queiroz[†], O.C.M. and S.K. Williams. 2010. Control of *E. coli* O157:H7 in corn silage with various inoculants under anaerobic and aerobic conditions: Efficacy and mode of action. *J. Dairy Sci.* 93: 1098-1104.
81. Huisden[†], C.M., **Adesogan**, A.T., Gaskin, J.M., Courtney, C.H., Raji^{*}, A.M. and Kang[†], T. 2010. Effect of feeding *Mucuna pruriens* on helminth parasite infestation in lambs. *J. Ethnopharmacol.* 127:669-673.
82. Inyang[§], U., J. M. B. Vendramini,* L. E. Sollenberger, B. Sellers, A. **Adesogan**, L. Paiva, and A. Lunpha. 2010. Forage species and stocking rate effects on animal performance and herbage responses of 'mulato' and bahiagrass pastures. *Crop Science*, 50:1079-1085
83. Vendramini. J.M.B., A.T. **Adesogan**, M.L.A. Silveira, L.E. Sollenberger, O. C. Queiroz, and W.E. Anderson. 2010. Nutritive value and fermentation parameters of warm-season grass silage. *Prof. Anim. Sci.* 26:193-200.

84. Madison[§], R.K., L.R. McDowell, O'Connor, G.A., Wilkinson, N.S., Davis, P.A., **Adesogan**, A.T., Felix, T.L., and Brennan, M. 2009. Effects of aluminum from water treatment residual applications to pastures on mineral status of grazing cattle and mineral concentrations of forages. *Comm. Soil Sci. Plant Anal.* 40:3077-3103.
85. Foster[†], J.L., **Adesogan**, A.T. Carter, J.N. Blount, A.R. Myer, R.O. and Phatak, S.C. 2009. Intake, digestibility, and nitrogen retention by sheep supplemented with warm-season legume haylages or soybean meal. *J. Animal Sci.* 87: 2899-2905.
86. Foster[†], J.L., **Adesogan**, A.T. Carter, J.N. Blount, A.R. Myer, R.O. and Phatak, S.C. 2009. Intake, digestibility, and nitrogen retention by sheep supplemented with warm-season legume hays or soybean meal. *J. Animal Sci.* 87: 2891-2898.
87. Foster[†], J.L., **Adesogan**, A.T., Carter, J.N., Blount, A.R., Myer, R.O., Phatak, S.C., and Maddox, M.K. 2009. Annual legumes to complement grass-based forage systems in the USA Gulf Coast region. *Agron. J.* 101:415-421.
88. Huisden[†], C.M., **Adesogan**, A.T., Kim^{*}, S.C., and Ososanya, T. 2009. Effect of applying molasses or inoculants containing homofermentative or heterofermentative bacteria at two rates on the fermentation and aerobic stability of corn silage. *J Dairy Sci.* 92: 690-697.
89. Kang^{*}, T.W., **Adesogan**, A.T., Kim^{*}, S.C., and Lee, S.S. 2009. Effects of an esterase-producing inoculant on fermentation, aerobic stability, and neutral detergent fiber digestibility of corn silage. *J. Dairy Sci.* 92: 732-738.
90. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Sollenberger, L.E., Badinga, L.K., Szabo, N.J., and Littell, R.C., 2009. Nutritional characterization of *Mucuna pruriens* 1. Effect of maturity on the nutritional quality of botanical fractions and the whole plant. *Anim. Feed Sci. Technol.* 148:34-50.
91. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Kim^{*}, S.C., Szabo, N.J., Littell, R.C., and Phatak, S.C., 2009. Nutritional characterization of *Mucuna pruriens* 2. In vitro ruminal fluid fermentability of *Mucuna pruriens*, *Mucuna L-dopa* and soybean meal incubated with or without L-dopa. *Anim. Feed Sci. and Technol.* 148: 51-67.
92. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Szabo, N.J., Littell, R.C., Phatak, S.C., Kim^{*}, S.C., Arriola[†] K.G., Huisden, C.M., Dean[†] D.B., and Kreuger[†] N.A., 2009. Nutritional characterization of *Mucuna pruriens* 3. Effect of replacing soybean meal with *Mucuna pruriens* on intake, digestibility, N balance and microbial protein synthesis in sheep. *Anim. Feed Sci. and Technol.* 148:107-123.
93. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Sollenberger, L.E., Phatak, S.C., Szabo, N.J., Kim^{*}, S.C., Huisden, C. M., and Littell, R. C. 2009. Nutritional characterization of *Mucuna pruriens*. 4. Does replacing soybean meal with *Mucuna pruriens* in lamb diets affect ruminal, blood and tissue L-dopa concentrations? *Anim. Feed Sci. and Technol.* 148:124-137.
94. Kreuger[†] N.A., and **Adesogan** A.T. 2008. Effect of different mixtures of fibrolytic enzymes on digestion and fermentation of bahiagrass hay. *Anim. Feed Sci. Technol.* 145:84-94.
95. Dean[†] D.B., **Adesogan** A.T., Kreuger[†] N.A., and Littell R.C. 2008. Effects of treatment with ammonia or fibrolytic enzymes on chemical composition and ruminal degradability of hays produced from tropical grasses. *Anim. Feed Sci. Technol.* 145:68-83.
96. Kreuger[†] N.A., **Adesogan** A.T., Staples C.R., Kreuger[§], W.K, Dean[†] D.B., and Littell R.C. 2008. The potential to increase the digestibility of tropical grasses with a fungal ferulic acid esterase enzyme preparation. *Anim. Feed Sci. Technol.* 145: 95-108.
97. Kreuger[†] N.A., **Adesogan**, A.T., Staples, C.R., Kreuger[§], W.K., Kim^{*}, S.C., and Littell, R.C. 2008. Effect of mode of applying fibrolytic enzymes or ammonia to bermudagrass hay on feed intake, digestion kinetics and growth of beef steers. *J. Anim. Sci.* 86: 882-889.
98. Vendramini[§], J.M.B., Sollenberger, L.E., **Adesogan**, A.T., Dubeux, J.C.B. Jr., Interrante, S.M. Stewart, Jr., R.L., and Arthington, J.D. 2008. Crude protein fraction concentrations of Tifton 85 bermudagrass and mixed rye-annual ryegrass herbage due to sward management practices. *Agron. J.* 100: 463469.
99. Kim^{*}, S.C., **Adesogan**, A.T., and Arthington, J.D. 2007. Optimizing nitrogen utilization in growing steers fed forage diets supplemented with dried citrus pulp. *J. Anim. Sci.* 85:2548-2555.

100. Kim^{*}, S.C., **Adesogan**, A.T., Badinga, L., and Staples, C.R. 2007. Effects of dietary n-6/n-3 fatty acid ratio on feed intake, digestibility, and fatty acid profiles of the ruminal contents, liver and muscle of growing lambs. *J. Anim. Sci.* 85: 706-716.
101. Kim^{*}, S.C., and **Adesogan**, A.T. 2006. Influence of ensiling temperature, simulated rainfall and delayed sealing on the fermentation characteristics and aerobic stability of corn silage. *J. Dairy Sci.* 89:3122-3132.
102. Kim^{*}, S.C., **Adesogan**, A.T., Shin, J.H., Lee, M.D., Ko, Y.D., Kim^{*}, J.H. 2006. The effects of increasing the level of dietary wormwood (*Artemisia montana* Pampan) on intake, digestibility, N balance and ruminal fermentation characteristics in sheep. *Livestock Science.* 100: 261-269.
103. Kim^{*}, S.C. **Adesogan**, A.T., Ko, Y.D., and Kim^{*}, J.H. 2006. The respective effects of shoot height and conservation method on the yield and nutritive value, and essential oils of wormwood (*Artemisia montana* Pampan). *Asian Australian J. Anim. Sci.* 19: 816-824.
104. **Adesogan**, A.T., Krueger[†], N.A., and Kim^{*}, S.C. 2005. A novel, wireless, automated system for measuring the fermentation gas production kinetics of feeds and its application for feed characterization. *Anim. Feed Sci. Technol.* 123: 211–223.
105. Kim^{*}, S.C., **Adesogan**, A.T., Shin, J.H., Ko, Y.D., Kim^{*}, J.H. 2005. Influence of replacing rice straw with wormwood (*Artemisia montana*) silage on feed intake, digestibility and ruminal fermentation characteristics of sheep. *Anim. Feed Sci. Technol.* 128:1-13.
106. Ko, Y.D., Kim^{*}, S.C. **Adesogan**, A.T., Ha, H.M, and Kim^{*}, J.H. 2005. The effect of replacing rice straw with dry wormwood (*Artemisia* sp.) on digestibility, nitrogen balance, and ruminal fermentation characteristics in sheep. *Anim. Feed Sci. Technol.* 125:99-110.
107. Dean[†] D.B., A.T. **Adesogan**, N. Krueger[†] and R.C. Littell. 2005. Effect of fibrolytic enzymes on the fermentation characteristics, aerobic stability and digestibility of bermudagrass silage. *J. Dairy Sci.* 88. 994-1003.
108. **Adesogan**, A.T. 2005. Effect of bag type on the digestibility of feeds in ANKOM Daisy[®] incubators. *Anim. Feed Sci. Technol.* 119: 333-344.
109. **Adesogan**, A.T., Salawu^{*}, M.B., Williams, S.P., and Dewhurst, R.J. 2004. Reducing concentrate requirements and improving milk and microbial protein yield in dairy cows by replacing grass silage with pea-wheat intercrop silages. *J. Dairy Sci.* 87:3398-3406.
110. **Adesogan**, A.T., Krueger[†] N., Dean[†] D.B., Salawu^{*}, M.B., and Staples, C.R. 2004. The influence of treatment with dual purpose inoculants or soluble carbohydrates on the fermentation and aerobic stability of bermudagrass. *J. Dairy Sci.* 87:3407-3416.
111. **Adesogan**, A.T., and Salawu^{*}, M.B. 2004. Effect of applying formic acid or *Lactobacillus buchneri* inoculants with or without homofermentative lactic acid bacteria on the fermentation characteristics and aerobic stability of intercropped pea-wheat silages and whole crop wheat or pea silages. *J. Sci. Agric.*, 84: 983-992.
112. **Adesogan**, A.T., Salawu^{*}, M.B., Ross^{*}, A.B, Davies, D.R., and Brooks, A.E. 2003. Effect of *Lactobacillus buchneri*, *L. fermentum* or *Leuconostoc mesenteroides* inoculants or a chemical additive on the fermentation, aerobic stability and nutritive value of crimped wheat grains. *J. Dairy Sci.* 86:1789-1796.
113. Dean[†] D.B., Krueger[†] N., Sollenberger, L.E., Littell, R.C., and **Adesogan**, A.T. 2003. The effect of treatment of bermudagrass and bahiagrass hays with fibrolytic enzymes on digestibility in vitro. *Trop. Subtrop. Agroecosyst.* 3:197-200.
114. Krueger[†] N., Staples, C.R., Littell R.C., Dean[†] D.B., Krueger[§] W., and **Adesogan**, A.T. 2003. The potential for increasing the digestibility of poor quality forages with a fungal ferulic acid esterase enzyme preparation. *Trop. Subtrop. Agroecosyst.* 3:205-209.
115. Krueger[†] N., Staples, C.R., Littell, R.C., Dean[†] D.B., Krueger[§] W., and **Adesogan**, A.T. 2003. The influence of enzymes containing high esterase, cellulase, and endogalacturonase activity on the digestibility of mature, C4 grass hays. *Trop. Subtrop. Agroecosyst.* 3:201-204.
116. Chikagwa-Malunga[†] S.K., Krueger[†] N., Dean[†] D.B., Sollenberger, L.E., and **Adesogan**, A.T. 2003. Effect of maturity at harvest on the nutritive value, botanical fractions and biomass yield of *Mucuna pruriens*. *Trop. Subtrop. Agroecosyst.* 3:127-130.

117. Salawu*, M.B., and **Adesogan** A.T., and Dewhurst, R.J. 2002. Forage intake, meal patterns, and milk production of lactating dairy cows fed grass silage or pea-wheat bi-crop silages. *J. Dairy Sci.* 85:30353044.
118. **Adesogan**, A.T., and Salawu*, M.B. 2002. The effects of different additives on the fermentation quality, aerobic stability and in vitro digestibility of pea/wheat bi-crop silages differing in proportion of peas to wheat. *Grass and Forage Science.* 57:25-32.
119. **Adesogan**, A.T., Salawu*, M.B., and Deaville, E.R. 2002. The effect on voluntary feed intake, in vivo digestibility and nitrogen balance in sheep of feeding grass silage or pea - wheat intercrops differing in pea to wheat ratio and maturity. *Anim. Feed Sci. Technol.* 96:161-173.
120. Salawu*, M.B., **Adesogan**, A.T., Jones, R., Fraser, M., and Fychan R. 2001. Assessment of the nutritive value of whole crop peas and pea/wheat bi-crop forages differing in maturity at harvest for ruminants. *Anim. Feed Sci. Technol.* 96:43-53.
121. Salawu*, M.B., **Adesogan**, A.T., Weston, C.N., and Williams, S.P. 2001. Dry matter yield and nutritive value of pea/wheat bi-crops differing in maturity at harvest, pea to wheat ratio and pea variety. *Anim. Feed Sci. Technol.* 94: 77-87.
122. Salawu*, M.B., Warren*, E.H., and **Adesogan**, A.T. 2001. Fermentation characteristics, aerobic stability and ruminal degradation of ensiled pea/wheat bi-crop forages treated with two microbial inoculants, formic acid or quebracho tannins. *J. Sci. Food Agric.* 81: 1263-1268.
123. Wilman, D., and **Adesogan**, A. 2000. A comparison of filter bag methods with conventional tube methods of determining the in vitro digestibility of forages. *Anim. Feed Sci. Technol.* 84: 33-47.
124. Adogla-Bessa, T., Owen, E., and **Adesogan**, A.T. 1999. Ensiling of whole crop wheat with cellulase/hemicellulase based enzymes 3. Comparing effects of urea or enzyme treatment on forage composition and stability. *Anim. Feed Sci. Technol.* 82: 51-61.
125. Miller, L.A., M.K. Theodorou, J.C. MacRae, R.T. Evans, A.T. **Adesogan**, M.O. Humphries, N.D. Scollan, J.M. Moorby. 1999. Milk production and N partitioning in dairy cows offered perennial ryegrass selected for high water-soluble carbohydrate concentrations. *S. Afri. J. Anim. Sci.* 29:281– 282.
126. **Adesogan**, A.T., Owen, E., and Givens, D.I. 1999. Prediction of the metabolizable energy value of whole-crop wheat from laboratory-based measurements. *Animal Sci.* 69: 427-439.
127. **Adesogan**, A.T., Owen, E., and Givens, D.I. 1998. Prediction of the in vivo digestibility of whole crop wheat from in vitro digestibility, chemical composition, in situ rumen degradability, in vitro gas production and near infrared reflectance spectroscopy. *Anim. Feed Sci. Technol.* 74: 259-272.
128. **Adesogan**, A.T., Owen, E., and Givens, D.I. 1998. The chemical composition, digestibility and energy value of fermented and urea-treated whole crop wheat harvested at three stages of maturity. *Grass Forage Sci.* 53: 66-75.

Refereed Proceedings: Total = 29

1. Adegbola T. Adesogan, Jose C. B. Dubeux and Lynn E. Sollenberger. Nutrient movements through ruminant livestock production systems. *Proceedings of 23rd International Grassland Congress 2015-Keynote Lectures.* Pp 79-94.
2. Amaral[§], B., S.C. Kim*, O.F. Zacaroni, A.T. **Adesogan**, and C.R. Staples. 2009. Effect of sealing time and increased storage temperature on the chemical composition and fermentation indices of corn and sorghum silages. In: Broderick, G.A., **Adesogan**, A.T., Bocher, L.W., Bolsen, K.K., Contreras-Govea, F.E., Harrison, J.H., Muck, R.E., editors. XVth International Silage Conference Proceedings, July 27-29, 2009, Madison, Wisconsin p 195.
3. Pedroso*, A.F., A.T. **Adesogan**, O.C.M. Queiroz[†], and S.K. Williams. 2009. Control of E. coli O157:H7 in corn silage with inoculants under anaerobic and aerobic conditions. In: Broderick, G.A., **Adesogan**, A.T., Bocher,

- L.W., Bolsen, K.K., Contreras-Govea, F.E., Harrison, J.H., Muck, R.E., editors. XVth International Silage Conference Proceedings, July 27-29, 2009, Madison, Wisconsin p 161.
4. Queiroz[†], O.C.M., A.T., **Adesogan**, and S.C. Kim^{*}. 2009. Effect of rust infestation on silage quality. In: Broderick, G.A., **Adesogan**, A.T., Bocher, L.W., Bolsen, K.K., Contreras-Govea, F.E., Harrison, J.H., Muck, R.E., editors. XVth International Silage Conference Proceedings, July 27-29, 2009, Madison, Wisconsin p 303.
 5. **Adesogan**, A.T., J.L. Foster[†], J.N. Carter, and R.O. Myer. Effect of replacing dietary soybean meal with tropical legumes on the performance of lambs. Proc. FAO/IAEA Int. Symp. on Sustainable Improvement of Animal Production and Health. 8 to 11 June 2009. Vienna, Austria.
 6. **Adesogan**, A.T. A.F., Pedroso^{*}, O.C.M. Queiroz[†], and S.K. Williams. 2009. Using bacterial inoculants to control the growth of E. coli O157:H7 in maize silages under anaerobic and aerobic conditions. Proc. FAO/IAEA Int. Symp. on Sustainable Improvement of Animal Production and Health. 8 to 11 June 2009. Vienna, Austria.
 7. Huisden[†], C.M., **Adesogan**, A.T., and Szabo, N.J. 2008. Effect of sonication and two solvent extraction methods on the L-Dopa content and nutritional value of Mucuna pruriens. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p. 129-137.
 8. Huisden[†], C.M., **Adesogan**, A.T., and Szabo N.J. 2008. Mucuna pruriens detoxification through ensiling. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p 117-128.
 9. Huisden[†], C.M., **Adesogan**, A.T., Butterweck, V., Szabo N.J., Gaskin, J.M., Raji, A., Yongning, L., and Maxwell, E. 2008. Behavioral, performance, and physiological effects on rats fed detoxified Mucuna pruriens. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p.138-146.
 10. **Adesogan**, A.T., Kreuger[†] N.K., Dean[†] D.B., Staples, C.R., Kreuger[†] W.K. 2005. Effect of ferulic acid esterase enzyme application on the in vitro digestibility and in situ rumen degradability of tropical grasses. Proc. XX Int. Grassland Congr. Dublin, UK.
 11. **Adesogan** A.T., and Kim^{*}, S.C. 2005. Effect of ensiling temperature, delayed sealing, and simulated rainfall on the fermentation and aerobic stability of corn silage grown in a sub-tropical climate. Proc. XIV Int. Silage Conf., Belfast, UK.
 12. **Adesogan**, A.T., and Adeneye, J.A. 2002. The nutritive potential of some underexploited tropical plants. Pages 153-155 in Proc. Int. Conf. organized by the British, American and Mexican Societies of Animal Science titled Responding to the Increasing global demand for animal products, Merida, Mexico, November, 2002.
 13. **Adesogan**, A.T., Salawu^{*}, M.B., Sindou, J., and Hurdidge, L. 2002. Effect of inoculants or a chemical additive on the fermentation characteristics, aerobic stability and nutritive value of crimped grain. Pages 220-221 in Proc. XIIIth Int. Silage Conf. Auchincruive, UK, September, 2002.
 14. **Adesogan**, A.T., Salawu^{*}, M.B., and Bax, J. 2002. Effect of inoculant or formic acid-treatment on the fermentation characteristics and aerobic stability of pea-wheat intercrop silages and pea or wheat silages. Pages 82-83 in Proc. XIIIth Int. Silage Conf. Auchincruive, UK, September, 2002.
 15. **Adesogan**, A.T., Salawu^{*}, M.B., and Dewhurst, R.D. 2000. Concentrate requirement in dairy cow rations halved with pea wheat bi-crops. Pages 127-128 in Proc. Sixth Res. Conf. British Grassland Soc., Craibstone, Aberdeen.
 16. **Adesogan**, A.T., and Salawu^{*}, M.B. 1999. Pea wheat bi-crops as ruminant feeds. Section 24 poster in Proc. Fifth Int. Symp. Nut. Herbivores, San Antonio, Texas.
 17. Salawu^{*}, M.B., Warren^{*}, E., and **Adesogan**, A.T. 1999. The effect of applying different additives on the in situ rumen degradation of nitrogen and neutral detergent fibre in pea-wheat bi-crop silages. Pages 151-152 in Proc. XII Int. Silage Conf., Upsalla, Sweden.
 18. Salawu^{*}, M.B., and **Adesogan**, A.T. 1999. Aerobic stability of pea-wheat bi-crop silages treated with different additives. Pages 282-283 in Proc. XII Int. Silage Conf., Upsalla, Sweden.
 19. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1998. A comparison of the suitability of different models for describing the in vitro gas production kinetics of whole crop wheat. In In vitro techniques for measuring nutrient supply to ruminants. Owen, E., Deaville, E., Rymer, C., **Adesogan**, A.T., and Huntington, eds. Brit. Soc. Anim. Sci. Occasional Publ. No. 22, pp. 215-216.
 20. **Adesogan**, A.T., Abdalla, A.L., Dhanoa, M.S., Givens, D.I., Sutton, J.D., and Owen, E. 1998. The effect of animal species on the ruminal degradation of dry matter and nitrogen fractions in urea-treated whole crop wheat. In

- In vitro techniques for measuring nutrient supply to ruminants. Owen, E., Deaville, E., Rymer, C., **Adesogan**, A.T., and Huntington eds. Brit. Soc. Anim. Sci. Occasional Publ. No. 22, pp. 326-328.
21. Salawu*, M.B., **Adesogan**, A.T., Weston, N., Fychan, R., Fraser, M.D., Jones, R., and Williams, S.P. 1998. Pea-wheat bi-crops as ruminant feeds. 1. The effect of maturity at harvest on yield, chemical composition and in vitro digestibility in the pre-conserved forage. Pages 16.1-16.2 in Proc. Winter Mtg. Brit. Grassland Soc., Peebles, Scotland.
 22. **Adesogan**, A.T., Salawu*, M.B., Fraser, M.D., and Jones, R. 1998. Pea-wheat bi-crops as ruminant feeds. 2. The feed intake and in vivo digestibility in sheep of bi-crops harvested at three stages of maturity. Pages 17.1-17.2 in Proc. Winter Mtg. Brit. Grassland Soc. Peebles, Scotland.
 23. **Adesogan**, A.T., Deaville, E., and Adeneve, J.A. 1998. The nutritive value of some lesser-known tropical plants. Pages 125-126 in Proc. Brit. Soc. Anim. Sci., Kenya Agricultural Research Institute, Animal Production Society of Kenya and Int. Livestock Res. Inst. Conf. titled Foods Lands and Livelihoods; Setting research agendas for animal science, Nairobi, Kenya.
 24. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1996. The accuracy of predicting the metabolisable energy content of whole crop wheat from digestibility in vivo or from measured or predicted energy losses as methane. Pages 178 -179 in Proc. XIth Int. Silage Conf., Aberystwyth.
 25. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1996. The aerobic stability of fermented and urea-treated whole crop wheat at three maturity stages. Page 2 in Proc. Winter Mtg. Brit. Grassland Soc., Malvern.
 26. **Adesogan** A.T., Givens, D.I., and Owen E. 1995. A comparison of the suitability of different models for describing the gas production kinetics of whole crop wheat. Pages 253-255 in Grassland into the 21st Century. G.E. Pollot, ed. Occasional Symp. No. 29, Brit. Grassland Soc., Reading, UK.
 27. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1995. A comparison between in situ degradation, in vitro digestibility and a gas production technique for predicting the in vivo digestibility of whole crop wheat. Pages 256-258 in Grassland into the 21st Century. G.E. Pollot, ed. Occasional Symp. No. 29, Brit. Grassland Soc., Reading, UK. p
 28. **Adesogan**, A.T., and Owen, E. 1995. Effect of ammonia treatment on rate of adaptation of newly housed store lambs to eating wheat straw. Page 1.1 in Proc. Fourth World Sheep and Wool Congr., Malvern, UK.
 29. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1994. Metabolisable energy value of fermented and ureatreated whole crop wheat. Pages 80-81 in Proc. Fourth Res. Conf. Brit. Grassland Soc., Reading, UK.

Refereed Abstracts: Total = 156

1. Jiang, Y., I. M. Ogunade, K. G. Arriola, A. A. Pech-Cervantes, D. H. Kim, Y. L. Xue, X. Li, D. Vyas, and A. T. Adesogan. 2019. Effects of aflatoxin with or without binders on in vitro rumen fermentation dynamics. J. Dairy Sci. 102(E-Suppl. 1):223. (Abstr.)
2. Jiang, Y., P.J. Hansen, I. M. Ogunade, X. Yao, T. Amaral, K. G. Arriola, D. Vyas, and A. T. Adesogan. 2019. Aflatoxin compromises development of the preimplantation bovine embryo through mechanisms independent of reactive oxygen production. J. Dairy Sci. 102(E-Suppl. 1):307. (Abstr.)
3. Pech-Cervantes, A. A., S. Ramirez, K. G. Arriola, E. M. Paula, C. Heinzen Jr., F. X. Amaro, Y. Jiang, C. F. Gonzalez, D. Vyas, L. F. Ferraretto, and A. T. Adesogan. 2019. Effect of a dual-purpose bacterial inoculant and recombinant bacterial expansin-like protein on fermentation profile and digestibility of whole-plant corn silage. J. Dairy Sci. 102(E-Suppl. 1):105. (Abstr.)
4. Blajman, J. E., A. A. PechCervantes, M. Irfan, C. F. Gonzalez, D. Vyas, K. G. Arriola, N. Dilorenzo, Y. Jiang, F. X. Amaro, and A. T. Adesogan. 2019. The effects of recombinant bacterial expansin-like protein and a fibrolytic enzyme on in vitro nutrient digestibility and preingestive hydrolysis of alfalfa silage. J. Dairy Sci. 102(E-Suppl. 1):330. (Abstr.)

5. Oyebade, A., K. G. Arriola, D. Kim, Y. Jiang, A. Pech-Cervantes, E. Duvalsaint, F. Amaro, C. McCary, C. Heinzen, Y. Xue, B. Saylor, A. Adesogan, and D. Vyas. 2019. Efficacy of exogenous amylases at increasing in vitro dry matter digestibility of dent corn. *J. Dairy Sci.* 102(E-Suppl. 1):235. (Abstr.)
6. Amaro, F. X., E. J. C. Duvalsaint, D. Kim¹, R. Restelatto, P. Carvalho, A. Oyebade, Y. Jiang, A. P. Cervantes¹, K. G. Arriola, L. F. Ferraretto, A. T. Adesogan, J.-S. Eun, J. S. Park, S. H. Lee, D. Vyas. 2019. Nitrogen metabolism in lactating dairy cows supplemented with N-acetyl-L-methionine as a source of rumen-protected methionine. *J. Dairy Sci.* 102(E-Suppl. 1):15. (Abstr.)
7. Duvalsaint, E. J. C., D. Kim, A. Oyebade, F. Amaro, Y. Jiang, A. P. Cervantes, K. G. Arriola, L. F. Ferraretto, A. T. Adesogan, J.-S. Eun, J. S. Park, S. H. Lee, and D. Vyas. 2019. Effects of supplementing a lysine derivative at varying doses on lactational performance of dairy cows. *J. Dairy Sci.* 102(E-Suppl. 1):241. (Abstr.)
1. Agarussi, M. C. N. V. P. Silva, W. I. Silva Filho, D. Vyas, A. T. **Adesogan** and L. F. Ferraretto. 2018. Effect of ensiling on fermentation profile and corn silage processing score of whole-plant corn. International Silage Conference, April 2018. Bohn, Germany.
2. Arriola*, K. G., D. Vyas, T. Fernandes, F. X. Amaro, I. Ogunade, Y. Jiang, D. H. Kim, M. C. N. Agarussi, V. P. Silva, A. A. Pech-Cervantes, L. F. Ferraretto, and A. T. **Adesogan**. Effect of maturity at harvest on fermentation profile and starch digestibility of corn silage hybrids in Florida. International Silage Conference, April 2018. Bohn, Germany.
3. **Adesogan**, A. T. 2018. Opportunities and challenges in using sorghum forage to improve ruminant livestock productivity. Sorghum in the 21st Century Conference, Cape Town South Africa. February, 2018.
4. Ma*, Z. M. Kang, S. Meng, Z. Tong, A. **Adesogan**, and K. Jeong. Development of antibody-conjugated chitosan microparticles selectively targeting Shiga toxin producing Escherichia coli in the gastrointestinal tract. *J. Dairy Sci.* (101) Supplement 2:30.
5. K. G. Arriola*, D. Vyas, D. Kim, M. C. Agarussi, V. P. Silva, J. M. Flores, Y. Jiang, A. A. Pech-Cervantes, and A. T. **Adesogan**. 2018. Effect of bacterial inoculants containing *Lactobacillus buchneri* and/or *Lactobacillus hilgardii* on the fermentation and quality of sorghum silage. *J. Dairy Sci.* (101) Supplement 2: 64.
6. Y. L. Xue*, Y. Jiang, D. Vyas, L. Sun, G. M. Yin, Y. Y. Zhang, S. B. Liu, Z. Yu, Q. Z. Sun, and A. T. **Adesogan**. 2018. Effect of treating alfalfa fibrous residue silages with corn flour or apple pomace on fermentation quality, nutritive value, and proteolysis. *J. Dairy Sci.* (101) Supplement 2: 67.
7. Y. Jiang*, Y. L. Xue, D. Vyas, L. Sun, G. M. Yin, Y. Y. Zhang, S. B. Liu, Z. Yu, Q. Z. Sun, and A. T. **Adesogan**. Fermentation quality, and in vitro digestibility of alfalfa and red clover silages treated with pre-fermented juice. *J. Dairy Sci.* (101) Supplement 2: 144.
8. A. **Adesogan***. Technologies for improving fiber utilization. *J. Dairy Sci.* (101) Supplement:189.
9. D. H. Kim*, I. M. Ogunade, K. G. Arriola, D. Vyas, and A. T. **Adesogan**. 2018. Effect of essential oil extracted from tropical and/or sub-tropical plants on in vitro dry matter digestibility, ruminal fermentation, and methane production. *J. Dairy Sci.* (101) Supplement 2: 199.
10. Y. Jiang*, I. M. Ogunade, A. A. Pech-Cervantes, P. Fan, X. Li, D. H. Kim, K. G. Arriola, M. B. Poindexter, M. C. M. Gonçalves, K. C. Jeong, D. Vyas, and A. T. **Adesogan**. Effect of *Saccharomyces cerevisiae* fermentation product and clay sequestering agents on rumen fermentation and bacterial community of lactating dairy cows challenged with dietary aflatoxin B1. *J. Dairy Sci.* (101) Supplement 2: 203.
11. D. H. Kim*, F. X. Amaro, M. C. N. Agarussi, V. P. Silva, T. Fernandes, A. A. PechCervantes, Y. Jiang, I. M. Ogunade, D. Vyas, and A. T. **Adesogan**. 2018. Evaluation of the effects of silage inoculants on shedding of *Escherichia coli* O157:H7 in dairy cows
12. K. G. Arriola*, D. Vyas, D. Kim, M. C. Agarussi, V. P. Silva, J. M. Flores, Y. Jiang, A. A. Pech-Cervantes, and A. T. **Adesogan**. 2018. Effect of bacterial inoculants containing *Lactobacillus buchneri* and/or *Lactobacillus hilgardii* on the fermentation and quality of corn silage. *J. Dairy Sci.* (101) Supplement 2: 254.

13. K. G. Arriola*, A. S. Oliveira, Y. Jiang, I. M. Ogunade, D. Kim, H. M. Silva, F. X. Amaro, A. A. Pech-Cervantes, S. C. Kim, H. Sultana, D. Vyas, L. F. Ferraretto, and A. T. **Adesogan**. Meta-analysis of the effect of *Lactobacillus buchneri* inoculation on dry matter recovery and aerobic stability of silages. *J. Dairy Sci.* (101) Supplement 2: 254.
14. A. A. Pech-Cervantes*, Y. Jiang, F. X. Amaro, D. Kim, K. Arriola, M. Flores-Tensos, C. F. Gonzalez, L. F. Ferraretto, N. Dilorenzo, D. Vyas, and A. **Adesogan**. 2018. Effects of a recombinant bacterial expansin and an exogenous fibrolytic enzyme on preingestive fiber hydrolysis, fermentation and digestibility of corn silage. *J. Dairy Sci.* (101) Supplement 2: 354
15. A. A. Pech-Cervantes*, Y. Jiang, F. X. Amaro, D. Kim, K. Arriola, M. Flores-Tensos, C. F. Gonzalez, L. F. Ferraretto, N. Dilorenzo, D. Vyas, and A. **Adesogan**. 2018. Synergistic effects of a recombinant bacterial expansin and a fibrolytic enzyme on digestibility, gas production and sugar release from bermudagrass silage. *J. Dairy Sci.* (101) Supplement 2: 354.
16. F. X. Amaro*, K. G. Arriola, D. Kim, T. Fernandes, M. C. N. Agarussi, V. P. Silva, A. P. Cervantes, Y. Jiang, L. F. Ferraretto, D. Vyas, and A. T. **Adesogan**. 2018. The effects of adding exogenous amylases and proteases on ruminal in vitro dry matter and starch digestibility of dent corn grain. *J. Dairy Sci.* (101) Supplement 2: 356.
17. F. X. Amaro*, K. G. Arriola, Y. Jiang, D. Kim, A. P. Cervantes, V. P. Silva, M. C. N. Agarussi, J. T. Silva, A. T. **Adesogan**, L. F. Ferraretto, C. R. Staples, J.-S. Eun, J. S. Park, J. O. Moon, D. Vyas. 2018. Lactational performance of dairy cows in response to supplementing N-acetyl-l-methionine as a source of rumen-protected methionine. *J. Dairy Sci.* (101) Supplement 2: 407.
18. Jiang, Y., D. H. Kim, I. M. Ogunade, X. Li, A. A. Pech-Cervantes, A. S. Oliveira, K. G. Arriola, A. Mayer-Camocho, J. P. Driver, C. R. Staples, D. Vyas, and A. T. **Adesogan**. 2017. Effect of sequestering agents based on a *Saccharomyces cerevisiae* fermentation product and clay on the performance of lactating dairy cows challenged with dietary aflatoxin B1. American Dairy Science Association Annual Meeting, Pittsburg, PA. Abstract 109.
19. Pech-Cervantes*, A. A., C. F. Gonzalez, I. M. Ogunade, D. H. Kim, A. S. Oliveira, Y. Jiang, D. Vyas, and A. T. **Adesogan**. 2017. Bacterial expansins: A novel approach to improve efficacy of exogenous fibrolytic enzymes. American Dairy Science Association Annual Meeting, Pittsburg, PA. Abstract 115.
20. Pech-Cervantes, A. A., I. M. Ogunade, D. H. Kim, F. X. Amaro, Y. Jiang, K. G. Arriola, C. F. Gonzalez, D. Vyas, and A. T. **Adesogan**. 2017. Effect of a recombinant bacterial expansin (BsEXLX1) and fibrolytic enzymes on in vitro digestibility and preingestive hydrolysis of bermudagrass silage. American Dairy Science Association Annual Meeting, Pittsburg, PA. Abstract 116.
21. Romero*, J. J., D. C. Reyes, Z. X. Ma, and A. T. **Adesogan**. Ruminal planktonic, weakly, and tightly feed-adhered bacterial community as affected by two *Trichoderma reesei* enzyme preparations fed to lactating cattle. American Dairy Science Association Annual Meeting, Pittsburg, PA. Abstract 417.
22. Ogunade, I. M., D. H. Kim*, Y. Jiang, A. A. P. Cervantes, K. G. Arriola, D. Vyas, and A. T. **Adesogan**. 2017. Effects of *E. coli* O157:H7 and silage additives on bacterial diversity and composition of alfalfa silage. American Dairy Science Association Annual Meeting, Pittsburg, PA. Abstract 423.
23. **Adesogan**, A. T. 2016. Opportunities for international research and development through the Feed the Future Innovation Lab for Livestock Systems. Abstract 0836 *J. Anim. Sci.* 94 (Supplement 5):402402.
24. Cervantes, A. A. P., I. Muhammad, C. F. Gonzalez, D. Vyas, and A. T. **Adesogan**. 2016. Expression and purification of a novel bacterial expansin from that synergistically degrades cellulose with fibrolytic enzymes. Abstract 1625. *J. Anim. Sci.* 94 (Supplement 5):791-791.
25. Jiang, Y., R. M. Martins, I. M. Ogunade, M. A. Bamikole, F. Amaro, W. Rutherford, S. Qi, F. Owens, B. Smiley, and K. G. Arriola. 2016. Correlations between the abundance of specific ruminal bacteria with milk production and total tract digestibility of dairy cows fed live or killed yeast. Abstract 1524. *J. Anim. Sci.* 94 (Supplement 5):740-740.

26. Kim, D., I. M. Ogunade, K. G. Arriola, D. Vyas, and A. T. **Adesogan**. 2016. Essential oils from three tropical species can reduce in vitro enteric methane production. Abstract 1456. *J. Anim. Sci.* 94 (Supplement 5):707-707.
27. Kim, S. C., A. T. **Adesogan**, L. Badinga, and C. R. Staples. 2007. Effects of dietary n-6: n-3 fatty acid ratio on feed intake, digestibility, and fatty acid profiles of the ruminal contents, liver, and muscle of growing lambs. Abstract 1456. *J. Anim. Sci.* 85 (3):706-716.
28. Li, X., Y. Zhu, D. Vyas, and A. T. **Adesogan**. 2016. Effect of lactic acid bacterial inoculants on the fermentation parameters and aerobic stability of sorghum-sudangrass silage. Abstract 1419. *J. Anim. Sci.* 94 (Supplement 5):688-688.
29. Ogunade, I. M., D. Kim, Y. Jiang, K. G. Arriola, A. A. P. Cervantes, D. Vyas, Z. G. Weinberg, and A. T. **Adesogan**. 2016. Inhibiting the growth of O157: H7 in alfalfa silage with silage additives. Abstract 1525. *J. Anim. Sci.* 94 (Supplement 5):740-741.
30. Ogunade, IM, D Kim, Y Jiang, AAP Cervantes, KG Arriola, D Vyas, and AT **Adesogan**. 2016. Microbial and chemical additives inhibit the growth of O157: H7 in corn silage. Abstract 1387. *J. Anim. Sci.* 94 (Supplement 5):670-671.
31. Olasoji, E., I. M. Ogunade, D. Kim, and A. T. **Adesogan**. 2016. Antimicrobial activity of tropical spice extracts against O157: H7. Abstract 0198. *J. Anim. Sci.* 94 (Supplement 5):94-94.
32. Oliveira, A. S., Z. G. Weinberg, A. A. P. Cervantes, K. G. Arriola, I. M. Ogunade, Y. Jiang, D. Kim, M. C. M. Gonçalves, D. Vyas, and A. T. **Adesogan**. 2016a. Meta-analysis of the effect silage inoculation with homolactic or facultative heterolactic bacteria on the performance of dairy cows. Abstract 0636. *J. Anim. Sci.* 94 (Supplement 5):303-304.
33. Oliveira, A. S., Z. G. Weinberg, A. A. P. Cervantes, K. G. Arriola, I. M. Ogunade, Y. Jiang, D. Kim, M. C. M. Gonçalves, D. Vyas, and A. T. **Adesogan**. 2016b. Meta-analysis of the effect of homolactic and facultative heterolactic bacteria inoculation on silage quality: III Dry matter recovery, chemical composition and in vitro digestibility. Abstract 0650. *J. Anim. Sci.* 94 (Supplement 5):310-311.
34. Oliveira, A. S., Z. G. Weinberg, A. A. P. Cervantes, K. G. Arriola, I. M. Ogunade, Y. Jiang, D. Kim, M. C. M. Gonçalves, D. Vyas, and A. T. **Adesogan**. 2016c. Meta-analysis of the effect of homolactic and facultative heterolactic bacteria inoculation on silage quality: I—Fermentation profile. Abstract 0683. *J. Anim. Sci.* 94 (Supplement 5):326-326.
35. Taylor, S., I. M. Ogunade, D. Kim, K. G. Arriola, and A. T. **Adesogan**. 2016. Effects of spices on in vitro enteric methane production. Abstract 0210. *J. Anim. Sci.* 94 (Supplement 5):99-100.
36. Vasconcelos, V. R., K. G. Arriola, A. F. Campos, F. Amaro, M. C. Walsh, and A. T. **Adesogan**. 2016. Effects of carbohydrases on the digestibility of fibrous feed ingredients using a rumen simulation model. Abstract 1386. *J. Anim. Sci.* 94 (Supplement 5):670-670.
37. Pech Cervantes, A. A., K. G. Arriola, J. E. Zuniga, I. M. Ogunade, Y. Jiang, T. F. Bernardes, C. R. Staples, and A. T. **Adesogan**. 2015. Effect of an exogenous fibrolytic enzyme on the performance of dairy cows consuming a diet with a high proportion of bermudagrass silage. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract M383.
38. Bamikole, M. A., I. M. Ogunade, F. Amaro, Y. Jiang, T. F. Bernardes, D. D. Henry, V. R. Vasconcelos, F. O. Ugiagbe, U. J. Ikhatua, N. DiLorenzo, and A. T. **Adesogan**. 2015. Methanogenesis reduction ability of monensin and essential oils from two Nigerian citrus species. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract 161.
39. **Adesogan**, A. T. 2015. The effect of forage quality on health and performance of dairy cattle. ADSA Southern Section Symposium on Maximizing Forage Quality in the Southeast. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract 216.
40. Ma, Z., Felipe X. Amaro, J. J. Romero, and A. T. **Adesogan**. 2015. Effects of inoculated lactic acid bacteria on aflatoxin B1 in corn silage. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract 272.
41. Ma, Z., Lin T, Kim, D., G. N. Kliks, C. D. Nelson, A. T. **Adesogan**, and K. C. Jeong. 2015. Evaluation of antimicrobial activity of chitosan microparticles in different matrices from dairy cows. Abstract T28.

42. Lee, S. S., Hee Y., J. L. Hyuk, D. Kim, S. M. Amanullah, Y. H. Joo, E. T. Kim, A. T. **Adesogan**, and S. C. Kim. 2015. Effects of essential oils from wormwood hybrids on in vitro digestibility, microbial diversity and rumen fermentation of bermudagrass hay and soybean meal. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract T470.
43. Bamikole, M. A., I. M. Ogunade, Felipe Amaro, Y. Jiang, T. F. Bernardes, D. D. Henry, F. O. Ugiagbe, U. J. Ikhatua, N. DiLorenzo, and A. T. **Adesogan**. 2015. Effects of monensin and essential oils from some Nigerian spices on methane production and ruminal fermentation in vitro. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract T477.
44. Kerr, K. R., M. Zenobi, R. Gardinal, J. Zuniga, A. **Adesogan**, C. Staples, and Eduardo Valdes. 2015. Evaluation of pelleted diets targeted for grazing ruminants housed in zoological institutions. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract 389.
45. Vasconcelos, V. R., K. G. Arriola, A. Camposo, F. X. Amaro, R. M. Martins, M. A. Bamikole, and A. T. **Adesogan**. 2015. Effects of exogenous fibrolytic enzymes on in vitro digestibility and gas and methane production of corn silage. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract W166
46. Kim, D. H, H. J. Lee, S. M. Amanullah, Y. H. Joo, H. Yoon, I. H. Choi, A. T. **Adesogan**, and S. C. Kim. 2015. Effects of hybrid and inoculant application on chemical composition and fermentation indices of barley silage. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract W172
47. Arriola, K. G., Rafael M. Martins, T. F. Bernardes, F. M. da Silva, F. X. Amaro, B. Coy, E. Alias, E. Marin, L. Leyton, Z. X. Ma, I. M. Ogunade, Y. Jiang, M. A. Bamikole, and A. T. **Adesogan**. Effects of maturity at harvest on the nutritional value, yield and milk production potential of corn hybrids planted under tropical/subtropical conditions. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract W190
48. Jiang, Y., R. M. Martins, I. M. Ogunade, M. A. Bamikole, F. Amaro, W. Rutherford, S. Qi, F. Owens, B. Smiley, K. G. Arriola, C. Staples, and A. T. **Adesogan**. 2015. Do the viability and dose of *Saccharomyces cerevisiae* affect the digestibility, ruminal fermentation, and performance of lactating dairy cattle? Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract W355
49. Jiang, Y., I. M. Ogunade, S. Qi, F. Owens, B. Smiley, W. Rutherford, C. Staples, and A. T. **Adesogan**, Abstract W367. Effects of the dose and viability of *Saccharomyces cerevisiae* yeast on the diversity of ruminal microbes as analyzed by Illumina MiSeq sequencing and qPCR.
50. Bamikole, M. A., I. M. Ogunade, F. Amaro, Y. Jiang, T. F. Bernardes, V. R. Vasconcelos, D. D. Henry, F. O. Ugiagbe, U. J. Ikhatua, N. DiLorenzo, and A. T. **Adesogan**. 2015. Essential oils from goat weed (*Ageratum conyzoides*) and African basil (*Ocimum gratissimum*) can reduce in vitro enteric methane production. Proc. Joint Ann. Mtg. ASAS and ADSA. Abstract 832.
51. Ma, Z. X., J. J. Romero¹, F. Amaro, K. C. Jeong, S. K. Williams and A. T. **Adesogan**. 2015. Can lactic acid bacteria bind aflatoxin B1 in silage contaminated with the toxin? Proc. Intl. Silage Conf., Piracicaba Brazil, August, 2015.
52. Ma, Z. X., J. J. Romero¹, F. Amaro, K. C. Jeong, S. K. Williams and A. T. **Adesogan**. 2015. Can silage bacteria bind aflatoxin? Proc. Intl. Silage Conf., Piracicaba Brazil, August, 2015.
53. Jiang, Y., I. M. Ogunade, S. Qi, F. Owens, B. Smiley, W. Rutherford and A. T. **Adesogan**. 2015. Effects of the dose and viability of *Saccharomyces cerevisiae* yeast on the diversity of ruminal microbes as analyzed by Illumina MiSeq sequencing and qPCR. Proc. Cong. Gastrointest. Funct., 13 to 15, April 2015.
54. Jiang, Y., R.M. Martins, I.M. Ogunade, W. Rutherford, S. Qi, F. Owens, B. Smiley, K. Arriola, C. Staples, and A.T. **Adesogan**. 2015. Do the viability and dose of *Saccharomyces cerevisiae* affect the Digestibility, Ruminal Fermentation and Performance of Lactating Dairy Cattle? Proc. Cong. Gastrointest. Funct., 13 to 15, April 2015.
55. Romero, J. J., E. G. Macias, Z. Ma, R. M. Martins, C. R. Staples, and A. T. **Adesogan**. 2014. Effect of two exogenous fibrolytic enzyme preparations on rumen fermentation and in situ degradability kinetics in dairy cattle. J. Anim. Sci. 92 (E-Suppl. 2): Abstract 1581, p 776.
56. Romero, J. J., Z. Ma, C. Silva-Sanchez, and A. T. **Adesogan**. 2014. Proteomic analysis of compositional differences between exogenous fibrolytic enzyme preparations that were effective or ineffective at improving forage digestibility. J. Anim. Sci. 92 (E-Suppl. 2): Abstract 1582, p 777.

57. Romero J. J., Z. Ma, E. G. Macias, D. H. Garbuio, and A. T. **Adesogan**. 2014. Forage type and exogenous fibrolytic enzyme application rate effects on the digestibility of dairy cattle forages. *J. Anim. Sci.* 92 (E-Suppl. 2): Abstract 1584, p778 .
58. Arriola, K. G., A. T. **Adesogan** and M. C. Giurcanu. 2014. A meta-analysis on the effect of fibrolytic enzyme treatment of dairy cow diets. *J. Anim. Sci.* 92 (E-Suppl. 2): Abstract M299, p 778.
59. Campos, A. F., B. Y. Coy, K. G. Arriola, and A. T. **Adesogan**. 2014. Effects of pH and incubation duration on the stability of the endoglucanase activity of seventeen exogenous fibrolytic enzyme preparations. *J. Anim. Sci.* 92 (E-Suppl. 2): Abstract M327, p 791.
60. Romero J. J., E. G. Macias, Z. Ma, R. M. Martins, B. Y. Coy, F. M. Silva, D. H. Garbuio, I. A. Brody, C. L. Curry, K. J. Mills, M. G. Zenobi, C. R. Staples and A. T. **Adesogan**. 2014. Improving the performance of dairy cattle with a xylanase-rich exogenous enzyme preparation. *J. Anim. Sci.* 92 (ESuppl. 2): Abstract 652, p 326.
61. Ogunade, I. M., K. G. Arriola, R. M. Martins, B. Y. Coy, C. L. Curry, D. K. Terkoski, A. Rubright, M. G. Zenobi, Z. Ma, C. R. Staples and A. T. **Adesogan**. 2014. Effect of prototype sequestering agents on performance and milk aflatoxin M1 concentrations of dairy cows fed aflatoxin B1-contaminated diets. *J. Anim. Sci.* 92 (E-Suppl. 2): Abstract W297, p 895.
62. Z. Ma, J. J. Romero, S. K. Williams, and A. T. **Adesogan**. 2014. Use of silage bacteria as enterosorbents to reduce aflatoxin contamination. *J. Anim. Sci.* 92 (E-Suppl. 2): Abstract 300, p 148. 46. Romero*, J. J., Z. X. Ma*, A. A. Pech*, C. R. Staples, C. F. Gonzalez, and A. T. **Adesogan**. 2013. Effect of supplementing exogenous fibrolytic enzymes with cofactors on preingestive fiber hydrolysis and release of sugars and phenolics from bermudagrass haylage. ADSA – ASAS Joint Annual Meeting – Indianapolis, Indiana, USA. *J. Anim. Sci.* 91 (E-Suppl. 2):559.
47. Romero*, J. J., Z. X. Ma*, F. H. Kamada*, U. Carneiro*, C. F. Gonzalez, C. R. Staples, and A. T. **Adesogan**. 2013b. Does addition of cofactors to exogenous fibrolytic enzymes increase digestion of bermudagrass by the enzymes? ADSA – ASAS Joint Annual Meeting – Indianapolis, Indiana, USA. *J. Anim. Sci.* 91 (E-Suppl. 2):703.
48. Romero*, J. J., M. A. Zarate*, O. C. M. Queiroz*, J. H. Han, J. H. Shin, C. R. Staples, W. F. Brown, and A. T. **Adesogan**. 2013c. Fibrolytic enzyme and ammonia application effects on the nutritive value, intake, and digestion kinetics of bermudagrass hay in beef cattle. *J. Anim. Sci.* 91 (9):4345-4356.
49. Romero*, J.J., K.G. Arriola , M.A. Zarate* , C.F. Gonzalez , W. Vermerris and A.T. **Adesogan**. 2012. Effect of rate of application of various commercial exogenous fibrolytic enzymes on preingestive fiber hydrolysis and release of sugars and phenolics from bermudagrass haylage. Proc. Joint ADSA-CSASAMPA-WSAS-ASAS Meeting. Phoenix, AZ. July 15-19, 2012. Abstract.
50. Romero*, J.J., K.G. Arriola , M.A. Zarate* , C.F. Gonzalez , W. Vermerris and A.T. **Adesogan**. 2012. Exogenous fibrolytic enzyme effects on preingestive fiber hydrolysis and release of sugars and phenolics from bermudagrass haylage. Proc. Joint ADSA-CSAS-AMPA-WSAS-ASAS Meeting. Phoenix, AZ. July 15-19, 2012. Abstract.
51. Zarate*, M.A., J.C. Hamie , J.J. Romero , E.N. Muniz , Y.J. Jang , K.G. Arriola , O.C. Queiroz , A.T. **Adesogan**. 2012. Effects of tropical legume supplementation on parasite burden and health parameters in goats. Proc. Joint ADSA-CSAS-AMPA-WSAS-ASAS Meeting. Phoenix, AZ. July 15-19, 2012. Abstract.
52. Bischoff, K. M., T. E. Black , V. R. G. Mercadante , G. H. L. Marquezini , R. O. Myer , A. T. **Adesogan** , N. DiLorenzo , and G. C. Lamb. 2012. Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers. Proc. Joint ADSACSAS-AMPA-WSAS-ASAS Meeting. Phoenix, AZ. July 15-19, 2012. Abstract.
53. Vendramini*, J. M. B., A. T. **Adesogan** , L. E. Sollenberger , A. D. Aguiar , A. Valente , and P. Salvo. 2012. Effects of DM concentrations and inoculants on Jiggs and Tifton 85 bermudagrass silage. Proc. Joint ADSA-CSAS-AMPA-WSAS-ASAS Meeting. Phoenix, AZ. July 15-19, 2012. Abstract.
54. Romero, J.J., K.G. Arriola , M.A. Zarate , C.F. Gonzalez , W. Vermerris and A.T. **Adesogan**. 2012. Screening exogenous fibrolytic enzyme products for improved in vitro ruminal fiber digestibility of bermudagrass haylage. Proceedings of the XVI International Silage Conference, Hameenlinna, Finland, July 2-4, 2012.

55. Romero, J.J., K.G. Arriola , M.A. Zarate , C.F. Gonzalez , W. Vermerris and A.T. **Adesogan**. 2012. Effect of rate of application of various commercial exogenous fibrolytic enzymes on fiber hydrolysis and in vitro digestibility of bermudagrass haylage. Proceedings of the XVI International Silage Conference, Hameenlinna, Finland, July 2-4, 2012.
56. Cavalcanti, N. Queiroz, O. Leite, J. Paranhos, L. Arriola, K. and **Adesogan**, A.T. 2012. Factors affecting estimation of spoilage indices in silage: Effects of amount of silage evaluated and type of container. Proceedings of the XVI International Silage Conference, Hameenlinna, Finland, July 2-4, 2012.
57. Arriola*, K. G., J. J. Romero Gomez[†], and A. T. **Adesogan**. 2011. Effects of pH and temperature on fibrolytic enzyme activities of various commercial exogenous enzyme preparations. Proc. ASASADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract W119.
58. Romero[†], J.J., K.G. Arriola*, M.A. Zarate[†], A.T. **Adesogan**. 2011. Screening exogenous fibrolytic enzyme products for improved in vitro ruminal fiber digestibility of bermudagrass. Proc. ASAS-ADSAPSA Annual meeting, 2011. New Orleans, LA, Abstract 219.
59. Romero[†], J.J., K.G. Arriola*, M.A. Zarate[†], A.T. **Adesogan**. 2011. Effect of rate of application of various exogenous fibrolytic enzyme products on in vitro ruminal fiber digestibility of bermudagrass. Proc. ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract 220.
60. Romero[†], J.J., K.G. Arriola*, M.A. Zarate[†], A.T. **Adesogan**. 2011. Relationships between exogenous fibrolytic enzyme product activities and in vitro ruminal digestibility of bermudagrass. Proc. ASASADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract 221.
61. Arriola*, K. G., O. C. M. Queiroz[†], J. J. Romero[†], J. Kivipelto, E. N. Muniz, J. C. Hamie, M. A. Zarate, L. G. Paranhos, and A. T. **Adesogan**. 2011. Effect of microbial inoculants on the quality and stability of bermudagrass silage. Proc. ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract 48.
62. Han[†], J. H., S. C. Kim, D. H. Kim*, J. J. Romero, H. J. Lee,, J. H. Shin, O. C. M. Queiroz, K. G. Arriola, C. R. Staples, and A.T. **Adesogan**. 2011. Effects of additive treatment and glycerol supplementation on in vitro digestibility and fermentation of a total mixed ration. Proc. ASAS-ADSAPSA Annual meeting, 2011. New Orleans, LA, Abstract M363.
63. Pedroso*, A. F., O. C. M. Queiroz, and A. T. **Adesogan**. 2011. Improving voluntary oral interaction of dairy cattle with manila ropes to facilitate E. coli O157:H7 monitoring on dairies.Proc. ASAS-ADSAPSA Annual meeting, 2011. New Orleans, LA, Abstract T123.
64. Queiroz*, O. C. M., A.T. **Adesogan**, J. L. P. Daniel, J. J. Romero, J. H. Shin, C.R. Staples, and J. E.P. Santos. 2011. Effects of adding fibrolytic enzymes to diets containing bermudagrass silage harvested at two maturity stages on the performance of lactating Holstein cattle. Proc. ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract T331.
65. Cavalcanti[†], N., J. Leite, L. G. Paranhos, O. C. M. Queiroz, K. G. Arriola*, and A. T. **Adesogan**. 2011. Factors affecting estimation of spoilage indices in silage 2: Effects of amount of silage evaluated and type of container. Proc. ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract T360.
66. Leite[†], J., K. G. Arriola, N. Cavalcanti,, O. C. M. Queiroz, E. N. Muniz* and A. T. **Adesogan**. 2011. Factors affecting estimation of spoilage indices in silage. 1: Effects of culture media, temperature, and duration. Proc. ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA, Abstract T105.
67. Aguiar*, A. D., J. M. B. Vendramini, A. T. **Adesogan**, L. E. Sollenberger, L. Galzerano, L. Custodio, E. Alves, and G. R. Manarim. 2011. Nutritive value and fermentation parameters of ‘Tifton 85’ bermudagrass and ‘Mulato II’ brachiariagrass silage in Florida. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract W104.
68. Vendramini, J.M.B., A.T. **Adesogan**, M.L.A. Silveira, L.E. Sollenberger, O.C. Queiroz[†], and W.E. Anderson. 2010. Nutritive value and fermentation parameters of warm-season grass silage. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract W117.
69. Marsola, R.S., M. Favoreto, F.T. Silvestre, J.H. Shin, A.T. **Adesogan**, C.R. Staples, and J.E.P. Santos. 2010. Effect of feeding live yeast on performance of Holstein cows during summer. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract T384.

70. Queiroz[†], O.C.M., A.T. **Adesogan**, K.G. Arriola[†], and M.F. Queiroz[†]. 2010. Effect of a bacterial inoculant on the quality of and nutrient losses from corn silage produced in farm-scale silos. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract W133.
71. Madison[§], R. K., L. R. McDowell, G. A. O'Connor, N. S. Wilkinson, P. A. Davis, A. T. **Adesogan**, T. L. Felix, and M. Brennan. 2010. Effects of aluminum from water-treatment-residual applications to pastures on mineral status of cattle and forage mineral concentrations. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract 96.
72. Romero[†], J.J. A.T. **Adesogan**, M.A. Zarate[†], O.C.M. Queiroz[†], J.H. Han, J.H. Shin, C.R. Staples, and W.F. Brown. 2010. Exogenous fibrolytic enzyme or anhydrous ammonia effects on digestion kinetics of steers fed bermudagrass harvested at two regrowth intervals. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract 454.
73. Queiroz[†], O.C.M., A. T. **Adesogan**, C.R. Staples, J. Hun, M. Garcia[§], L.F. Greco, and L.J. Oliveira. 2010. Effects of adding a mycotoxin-sequestering agent on milk aflatoxin M1 concentration and the performance and immune response of dairy cattle fed an aflatoxin B1-contaminated diet. Proc. ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO. Abstract 1142.
74. Shin, J.H., S.C. Kim^{*}, D. Wang, A.T. **Adesogan** and C.R. Staples. 2009. Glycerol supplementation to corn silage- or cottonseed hull-based diets for lactating dairy cows. J. Anim. Sci. 87 (Suppl. 2):88
75. Clavijo, J.A., Y.C. Newman, L.E. Ortega, C.R. Staples, A.T. **Adesogan**, L.E. Sollenberger. 2009. Incorporation of Tifton 85 greenchop in least-cost rations for Florida dairy producers. J. Anim. Sci. 87 (Suppl. 2):417
76. Amaral[§], B., S.C. Kim^{*}, O.F. Zacaroni, A.T. **Adesogan**, and C.R. Staples. 2009. Effects of ensiling corn and sorghum silages under normal or adverse conditions on proportions of long chain fatty acids. J. Anim. 87 (Suppl. 2):421
77. Pedroso^{*}, A.F., A.T. **Adesogan**, O.C.M. Queiroz[†], and S.K. Williams. 2009. Control of E. coli O157:H7 in corn silage with inoculants under anaerobic and aerobic conditions. J. Anim. 87 (Suppl. 2):179
78. Queiroz[†], O.C.M., A.T., **Adesogan**, and S.C. Kim^{*}. 2009. Can bacterial inoculants improve the quality of rust-infested corn silage? J. Anim. Sci. 87 (Suppl. 2):
79. Romero[†], J.J., A.T. **Adesogan**[†], M.A. Zarate, O.C.M. Queiroz[†], J. Han[†], K.G. Arriola[†], C.M. Huisden[†], C.R. Staples and M. Garcia. 2009. Effect of an exogenous fibrolytic enzyme or ammonia on fiber concentration, feed intake, digestibility, and ruminal pH of steers fed bermudagrass hay harvested at two maturity stages. J. Anim. Sci. 87 (Suppl. 2):137
80. Arriola[†], K.G., A.T. **Adesogan**. 2009. Evaluation of effects of fibrolytic enzyme application on the digestibility of corn silage, alfalfa hay, and two concentrates and complete diets under simulated ruminal and preruminal conditions. J. Anim. Sci. 87 (Suppl. 2):140
81. Foster[†], J.L., A.T. **Adesogan**, J.N. Carter, L.E. Sollenberger, A.R. Blount, R.O. Myer, S.C. Phatak. 2009. Evaluation of two warm-season legumes for creep-grazing of beef calves. J. Anim. Sci. J. Anim. Sci. 87 (Suppl. 3):18
82. Newman, Y.C., Staples, C.R., **Adesogan**, A.T., Blount, A.R., and Mackowiak C. 2008. Harvest management effects on Tifton-85 bermudagrass greenchop nutritive value. J. Anim. Sci. 86(Suppl.2), J. Dairy Sci. 91:(Suppl. 1) 28
83. Huisden[†], C.M., **Adesogan**, A.T., Gaskin, J. M., Courtney, C.H., Raji, A.M., and Kang^{*}, T. 2008. Effect of feeding *Mucuna pruriens* to sheep on helminth parasite infestation in lambs. J. Anim. Sci. 86(Suppl. 2), J. Dairy Sci. 91(Suppl. 1):161
84. Arriola[†] K.G., **Adesogan**, A.T., Kim^{*}, S.C., Kang^{*}, T.W., Pedroso, A.F., Queiroz, O.C., Foster[†] J.L., and Staples, C.R. 2008. Effect of applying bacterial inoculants to corn silage on the performance of dairy cattle. J. Anim. Sci. 86(Suppl. 2), J. Dairy Sci. 91(Suppl. 1):260.
85. Foster[†] J.L., **Adesogan**, A.T., Carter, J.N., Sollenberger, L.E., Blount, A.R., Myer, R.O., Phatak, S.C. Kim^{*}, S.C., Kang^{*}, T., Brew, M., and Arriola[†] K.G. 2008. Warm-season legume haylage or soybean meal Supplementation effects on the performance of lambs. J. Anim. Sci. 86(Suppl. 2), J. Dairy Sci. 91(Suppl. 1):536.

86. Foster[†] J.L., **Adesogan**, A.T., Myer, R.O., Carter, J.N., and Blount, A.R. 2008. Evaluation of warm season legume forages for livestock: I. Hay. Proc. Am. Peanut Res. Ed. Soc. v. 40 (available at www.apresinc.com/proceedings.html).
87. Foster[†] J.L., **Adesogan**, A.T., Myer, R.O., Carter, J.N., and Blount, A.R. 2008. Evaluation of warmseason legume forages for livestock: II. Haylage. Proc. Am. Peanut Res. Ed. Soc. v. 40 (available at www.apresinc.com/proceedings.html).
88. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Huisden, M., Kim^{*}, S.C., Phatak, S.C., Szabo, N., and Littell, R.C. 2007. Effect of replacing soybean meal with *Mucuna pruriens* on growth performance, carcass characteristics and meat safety. J. Anim. Sci. 85(Suppl. 1), J. Dairy Sci. 90(Suppl. 1):100.
89. Chikagwa-Malunga[†] S.K., **Adesogan**, A.T., Kim^{*}, S.C., Szabo, N., and Littell, R.C. 2007. Ruminal Ldopa degradability and in vitro fermentation kinetics of *Mucuna pruriens* and soybean meal treated with or without L-dopa. J. Anim. Sci. 85(Suppl. 1), J. Dairy Sci. Vol. 90(Suppl. 1):233.
90. Raji, A.M., **Adesogan**, A.T., Sansi, J.A.A., Salako, R.A. Feeding value of silage made from *Panicum maximum* with or without *Leucaena leucocephala* or *Gliricidia sepium* as supplementary feeds for weaned rabbits. J. Anim. Sci. 85(Suppl. 1), J. Dairy Sci. 90: (Suppl. 1.)431.
91. Arriola[†] K.G., Kim^{*}, S.C., **Adesogan**, A.T. Kang^{*}, T, Huisden[†], C.M., and Staples, C.R. 2007. Effect of fibrolytic enzyme application to diets with different concentrate levels on the performance of dairy cattle. J. Anim. Sci. 85(Suppl. 1), J. Dairy Sci. 90(Suppl. 1):338.
92. Foster[†] J.L., **Adesogan**, A.T., Carter, J.N., Sollenberger, L.E., Myer, R.O., Blount, A., Hughes, A., Huisden, M., Eckert, J., and Kreuger[†] N.A. 2006. Warm-season legume or concentrate supplementation effects on the performance of lambs. Abstract 72-3 in Proc. ASA, CSSA-SSSA Int. Annual Mtg.
93. Kreuger[†] N. A., and **Adesogan**, A.T. 2006. Effect of multi enzyme cocktails on the digestion and fermentation of bahiagrass hay. J. Dairy Sci. 89(Suppl. 1):254.
94. Arriola[†] K.G., **Adesogan**, A.T., Staples, C.R., Dean[†] D.B., Kim^{*}, S.C., Kreuger[†] N.A., Foster[†] J. L., Chikagwa-Malunga[†] S., and Huisden, M.C. 2006. The effect of staygreen ranking, maturity and moisture concentration of corn hybrids on the performance of dairy cows. J. Dairy Sci., 89(Suppl. 1):191.
95. Dean[†] D., **Adesogan**, A.T., Valencia, E., and Kreuger[†], N. 2006. Effect of fibrolytic enzymes or ammonia treatment on the nutritive value of 6 and 8 wk. regrowths of guineagrass hay. J. Dairy Sci. 89(Suppl. 1):24.
96. Dean[†] D., **Adesogan**, A., Staples, C., Kim^{*}, S.C. and Littell R.C. 2006. Effect of method of adding a fibrolytic enzyme to a dairy cow diet on ruminal fermentation and TMR degradation. J. Dairy Sci. 89(Suppl. 1):405.
97. Tous, K., Rodríguez, A. **Adesogan**, A., and Valencia, E. 2006. Fibrolytic enzymes on intake and digestibility of guineagrass (*Panicum maximum* Jacq.). J. Dairy Sci. 89(Suppl. 2):23.
98. Kreuger[†] N. A., **Adesogan**, A.T., Staples, C.R., Sollenberger, L.E., and Littell, R.C. 2006. Effect of applying ammonia or fibrolytic enzymes to bermudagrass hay on feed intake, digestion kinetics and growth of beef steers. J. Dairy Sci. 89(Suppl. 2):35.
99. Vendramini[§], J.M.B. Sollenberger, L.E. Arthington, J.D. **Adesogan**, A. Dubeux, Jr., J.C.B. Interrante, S., and Stewart, Jr, R.L. 2005. In situ N disappearance of Tifton 85 bermudagrass fertilized with different N rates. Page 302 in Proc. Am. Soc. Agron. Annual Mtg.
100. **Adesogan**, A., and Kim^{*}, S. 2005. Factors affecting the quality of corn silage grown in hot, humid areas 1: Effect of delayed sealing, simulated rainfall and ensiling temperature. J. Anim. Sci. 83(Suppl. 1):383.
101. **Adesogan**, A., Huisden[†], M., Arriola[†] K., Kim^{*}, S., and Foster[†] J. 2005. Factors affecting the quality of corn silage grown in hot, humid areas 2: Effect of applying two dual-purpose inoculants or molasses. J. Anim. Sci. 83(Suppl. 1):383.
102. Arriola[†] K.G., **Adesogan**, A.T., Dean[†] D.B., Kim^{*}, S.C., Kreuger[†] N.K., Chikagwa-Malunga[†] S. Ososanya, T., and Huisden, M. 2005. Factors affecting the quality of corn silage grown in hot, humid areas 3: Effect of maturity at harvest of corn hybrids differing in staygreen ranking. J. Anim. Sci. 83(Suppl. 1):151.
103. Chikagwa-Malunga[†] S., **Adesogan**, A., Kreuger[†] N., Dean[†] D., and Sollenberger, L. 2005. Effect of maturity at harvest on the nutritive value and biomass yield of *Mucuna pruriens*. J. Anim. Sci. 83(Suppl. 1):151.

104. **Adesogan**, A.T., Kim^{*}, S., and Kreuger[†]. N. 2005. The application of a novel, wireless, automated system for determining the fermentation gas production kinetics of feeds. *J. Anim. Sci.* 83(Suppl. 1):188.
105. Kim^{*}, S.C., **Adesogan**, A.T., Staples, C.R., and Badinga, L. 2005. The effect of dietary n-3/n-6 fatty acid ratio on feed intake, digestibility, and fatty acid profiles in muscle of growing lambs. *J. Anim. Sci.* 83(Suppl. 1):192.
106. Dean[†], D., **Adesogan**, A., Staples, C., Arriola[†], K., Kim^{*}, S., Kreuger[†], N., Huisden, M., Chikagwa, S., and Amaral[§], B. 2005. The effect of method of dietary addition of a fibrolytic enzyme on the performance of lactating dairy cows. *J. Anim. Sci.* 83(Suppl. 1):341.
107. Vendramini[§], J.M.B. Sollenberger, L.E. Arthington, J.D. **Adesogan**, A. Dubeux, Jr., J.C.B. Interrante, S., and Stewart, Jr, R.L. 2005. In situ DM and N disappearance of ryegrass (*Lolium multiflorum*)-rye (*Secale cereale*) mixed swards fertilized with different N rates. *J. Anim. Sci.* 83(Suppl. 1):149.
108. Arthington, J. D., and **Adesogan**, A.T. 2004. Optimizing N supply for growing steers consuming forage diets supplemented with citrus pulp. *J. Anim. Sci.* 83(Suppl. 2):33.
109. Chikagwa-Malunga[†] S. K., **Adesogan**, A.T., Huisden, M., Kreuger[†] N.K., Kim^{*}, S.C. Dean[†] D.B., Ososanya, T., Arriola[†] K., and Phatak, S. 2005. The effect of replacing soybean meal with *Mucuna pruriens* on the performance of sheep. *J. Anim. Sci.* 83 (Suppl. 2)34.
110. **Adesogan** A.T., Chikagwa-Malunga[†] S.K. Salawu^{*}, M.B., and Kim^{*}, S.C. 2004. The in vitro digestibility, gas production and fermentation characteristics of *Mucuna pruriens*, and soybean meal treated with or without L-Dopa. *J. Anim. Sci.* 82(Suppl. 1):214.
111. **Adesogan**, A.T., Kreuger[†] N., Dean[†] D.B., Salawu^{*}, M.B and Staples, C.R. 2004. Improving the fermentation and aerobic stability of bermudagrass with molasses or a combination of bacteria and enzymes. *J. Anim. Sci.* 82(Suppl. 1): 304.
112. Kim^{*}, S.C., Kim^{*}, J.H., Shin, J.H., **Adesogan**, A.T., and Ko, Y.D. 2004. Effects of replacing rice straw with wormwood (*Artemisia Montana Pampan*) silage in the diets of Korean Hanwoo steers on performance, carcass characteristics and muscle fatty acid profile. *J. Anim. Sci.* 82(Suppl. 1):45.
113. Ko, Y.D., Kim^{*}, J.H., Lee, M.D., **Adesogan**, A.T., and Kim^{*}, S.C. 2004. Effect of replacing concentrates with wormwood on N balance and ruminal fermentation characteristics in sheep. *J. Anim. Sci.* 82(Suppl. 1):55.
114. Kreuger[†] N, **Adesogan**, A.T., Dean[†] D.B., Kreuger[†] W. 2004. Effect of esterase enzyme treatment on the in situ rumen degradability and soluble carbohydrate content of tropical grasses. *J. Anim. Sci.* 82 (Suppl. 1):44.
115. Dean[†] D.B., **Adesogan**, A.T., Kreuger[†] N., Littell, R.C. 2004. Effect of fibrolytic enzymes on the fermentation characteristics, aerobic stability and digestibility of bermudagrass silage. *J. Anim. Sci.* 82(Suppl. 1):305.
116. Kreuger[†] N., Staples, C.R., Littell, R.C., Dean[†] D.B., Kreuger[†] W., and **Adesogan**, A.T. 2003. Effect of fibrolytic enzyme preparations containing high esterase, cellulose and endogalacturonase activity on the digestibility of mature, tropical grass hays. *J. Anim. Sci.* 81Suppl. 1):149.
117. Kreuger[†] N., Staples, C.R., Littell, R.C., Dean[†] D.B., Krueger[†] W., and **Adesogan**, A.T. 2003. Effect of fibrolytic enzyme preparations containing high esterase activity on the digestibility of mature, tropical grass hays. *J. Anim. Sci.* 81(Suppl. 1):149.
118. Dean[†] D.B., Kreuger[†] N., Sollenberger, L.E., Littell, R.C., and **Adesogan**, A.T. 2003. Effect of fibrolytic enzymes on the in vitro dry matter and neutral detergent fiber digestibility of tropical grasses. *J. Anim. Sci.* 81(Suppl. 1):150.
119. **Adesogan**, A.T., Salawu^{*}, M.B., and Dewhurst, R.J. 2001. The effect of replacing grass silage with pea/wheat bi-crops in dairy cow diets on feed intake, concentrate utilization and milk production. Page 3 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
120. **Adesogan**, A.T., Salawu^{*}, M.B., and Dewhurst, R.D. 2001. Evaluation of the influence of host animal diet and forage type on the ruminal degradation of grass silage and intercropped pea-wheat silages. *J. Anim. Sci.* 79(Suppl. 1):349.
121. Salawu^{*}, M.B., **Adesogan**, A.T., and Dewhurst, R.D. 2001. The effect of forage type and host animal diet on the in situ rumen degradation of grass silage and pea/wheat bi-crops containing different pea varieties. Page 87 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.

122. Wilman, D. and **Adesogan**, A.T. 2000. A comparison of filter bag methods with conventional tube methods of determining the in vitro digestibility of forages. *J. Anim. Sci.* 83:289.
123. Salawu*, M.B., **Adesogan**, A.T., and Dewhurst, R.J. 2000. Milk production from dairy cows offered pea-wheat bi-crops containing different ratios of peas to wheat and harvested at two maturity stages. Page 149 in Proc. Winter Mtg. Brit. Soc. Anim. Sci. Scarborough.
124. **Adesogan**, A.T., Salawu*, M.B., and Deaville, E.R. 2000. The effect of the pea to wheat ratio and harvest date on the voluntary feed intake, in vivo digestibility and nitrogen retention of pea-wheat bicrop silages by sheep. Page 81 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
125. **Adesogan**, A.T., and Jones*, G.J. 1999. The effect of fermented whole crop cereal species on botanical composition, chemical composition, in vivo digestibility and live-weight change in sheep. Page 81 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
126. **Adesogan**, A.T., Salawu*, M.B., Fraser, M.D., Evans, S.T., Fychan, R., and Jones, R. 1999. Intake, digestibility in vivo and nitrogen balance in sheep of pea-wheat bi-crop silages harvested at three stages of maturity. Page 80 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
127. Dewhurst, R.J., Davies, D.W.R., Fisher, W.J., Thomas*, I.J., and **Adesogan**, A.T. 1998. Effects of forage type and protein supplementation on voluntary intakes and particle breakdown of forages by dry dairy cows. Page 207 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
128. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1997. Prediction of the metabolisable energy content of whole crop wheat from chemical composition, in vitro digestibility and near infrared reflectance spectroscopy. Page 208 in Proc. Winter Mtg. Brit. Soc. Anim. Sci., Scarborough.
129. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1996. The relationship between digestibility or energy losses as methane and metabolisable energy content of whole crop wheat forages. *Anim. Sci.* 62:631.
130. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1995. A comparison between in situ degradation, in vitro digestibility and a gas production technique for predicting the in vivo digestibility of whole crop wheat. *Anim. Sci.* 60(3): 542.
131. **Adesogan**, A.T., and Owen, E. 1995. Effect of ammonia treatment on rate of adaptation of newly housed store lambs to eating straw. *Anim. Sci.* 60(3):529.
132. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1995. The relationship between digestibility, methane energy loss and metabolisable energy of whole crop wheat forages. *Anim. Sci.* 60(3):554.
133. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1995. A comparison between in vitro digestibility, in situ degradability and a gas production technique for predicting the in vivo digestibility of whole crop wheat. Page 111 in Proc. 46th Annual Mtg. European Assn. Anim. Prod., Prague.
134. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1994. The nutritive value of urea-treated and fermented whole crop wheat. Page 163 in Proc. 45th Annual Mtg. European Assn. Anim. Prod., Edinburgh, UK.

Non-refereed presentations: Total = 95

1. **Adesogan**. A. T. 2017. Principles of writing successful grant applications. Agriculture and Forestry University Chitwan. November 29 2017
2. **Adesogan**. A. T. 2017. Conducting excellent research for publication in high impact journals. Agriculture and Forestry University Chitwan. November 29 2017.
3. **Adesogan**. A. T. 2017. Importance of Animal-Source Foods: Nutrition and developmental health of children and pregnant and lactating women. International Livestock Congress, Houston Texas, March, 2017.
4. **Adesogan**. A. T. 2017. Florida's role in improving global food security. Presented to the Florida Congressional Delegation on November 15 2017 at the Rayburn House Building, Washington DC.
5. Hendrickx, S., S. Mckune, M. Eilitta and A. T. **Adesogan**. 2017. Tailoring livestock sector research priorities to country specific needs in order to maximize nutritional impact: Lessons from the Livestock System Innovation Lab. Seventh International Conference on Food Studies and the Food Studies Research Network, Rome. October 25 -27, 2017.

6. **Adesogan** A. T. Report of the Quality Assurance Review of the Department of Food Production, University of the West Indies, St. Augustine Campus, Trinidad, February 3, 2017. *(Invited)*
7. **Adesogan** A. T. and M. Eilitta. 2017. Animals in production systems: needs, challenges and opportunities: Identifying agriculture research priorities and strengthening partnerships. Feed the Future Innovation Labs, West Africa Regional Partners Meeting, Dakar Senegal, February, 7, 2017. *(Invited)*
8. **Adesogan**. A. T. 2018. The importance of using animal-source foods to diversify the diets of the poor in the developing world. Institute for Learning in Retirement. Oak Hammock, University of Florida. January 8, 2018.
9. **Adesogan**. A. T. 2017. The imperative to increase animal-source food (ASF) consumption. Global Nutrition Symposium. Feed the Future Innovation Lab for Livestock Systems. University of Florida, March, 2017.
10. **Adesogan**, A.T. 2016. Four invited presentations on the mandate, approach, grants and funded projects of Feed the Future Innovation Lab for Livestock Systems were given to the following organizations:
 - a. Florida Cattlemen's Association Executive Board, Lakeland, FL
 - b. UF Vice Presidents for Research and for Finance, Division of Sponsored Programs, and Contracts and Grants.
 - c. UF/IFAS Deans, Gainesville FL,
 - d. UF/IFAS Forage Workers Tour, Ona, FL
11. **Adesogan**, A.T. 2016. Around the world with the globetrotting professor. Presentation for the University of Florida Division of Enrolment Management. November 2016.
12. **Adesogan**, A.T. 2016. Challenges of livestock production value chains in some developing countries. Seminar, Department of Animal Sciences, University of Florida, Gainesville, FL, 7 Jan, 2016.
13. Dahl G. E. and **Adesogan**. A. T. 2016. Opportunities for international research and development through the Feed the Future Innovation Lab for Livestock Systems July. International Animal Agriculture Symposium. American Society of Animal Science and American Dairy Science Society Annual Meeting, July 2016, Salt Lake City, UT. 2016. *(Invited)*
14. Eilitta, M. and **Adesogan A. T.** 2017. Research opportunities and groups in crop-livestock research.
15. Kansas State University Colleges of Agriculture and Veterinary Medicine Workshop, Manhattan, Kansas, January 8, 2017. *(Invited)*
16. **Adesogan**. A. T. 2016. Improving the health of livestock and agriculture management practices contributing to the achievement of the 2030 Sustainable Development goals. Academy of Nutrition and Dietetics FNCE Annual Symposium, Boston, October 15 2016. *(Invited)*
17. **Adesogan. A. T.** 2016. Principles of conducting successful on-farm research trials. Food and Agricultural Research and Extension Institute, Quatre Bornes, Mauritius, July 27, 2016. *(Invited)*
18. **Adesogan. A. T. 2016.** The imperative to use animal-sourced foods to improve the nutritional status, cognitive development, health and incomes of vulnerable people. Reading University, United Kingdom, October 28. *(Invited)*
19. **Adesogan. A. T. 2016.** Recent developments in the maize to milk chain. University of El Salvador, El Salvador. August 11, 2016. *(Invited)*
20. Dahl G. E. and **Adesogan**. A. T. 2016. The role of livestock in poverty reduction and improving nutrition and implications for climate change mitigation. One-Health Colloquium. Sustainable livestock and disease control - exploring the links to climate change, improving human nutrition and the refugee crisis. 31 May. 2016. *(Invited)*
21. **Adesogan. A. T. 2016.** The importance of the livestock sector to rural livelihoods and poverty alleviation and the associated challenges. Committee on World Food Security. Investing in food safety for equitable and sustainable development. World Health Organization / FAO Side Event, Rome. October 18. <http://www.fao.org/cfs/cfs-home/plenary/cfs43/side-events/68/en/> *(Invited panelist)*
22. Staples, C. R. and A. T. **Adesogan**. 2016. Mycotoxins' economic impact versus preventive measures. DIGAL 2016. Delicias, Chihuahua, Mexico, September 7 to 9. *(Invited)*

23. Eilitta, M. and **Adesogan, A. T. 2016**. New funding mechanisms in livestock research. European Commission for the Control of Foot-and-Mouth Disease. Portugal. October 28. *(Invited)*
24. **Adesogan, A. T. 2016**. Strategic use of livestock to improve food security, health and livelihoods. Global Nutrition Symposium, Iowa State University, Ames, IA. April 13. *(Invited)*
25. **Adesogan, A. T. 2016**. Policy-related challenges in increasing livestock production and consumption of Animal-Source Food (ASF) in Africa. Policy reforms to boost the potential of the livestock sector in Africa” African Sustainable Livestock 2050. FAO, Rome, 4 May. *(Invited)*
26. **Adesogan, A. T. 2016**. Partnership with the International Livestock Research Institute. Board for International Agriculture Development (BIFAD) Public Meeting. Washington DC. March 10. *(Invited)*
27. **Adesogan, A.T.** Challenges of livestock production value chains in some developing countries. Animal Sciences Departmental Seminar, University of Florida, Gainesville, Jan. 7, 2016.
28. **Adesogan, A.T.** Numerous introductory presentations in Nepal, Ethiopia, and Gainesville on the Feed the Future Innovation Lab for Livestock Systems. Various times in 2015. *(Offered)*
29. **Adesogan, A.T., L.E. Sollenberger and J.C. Dubeux. 2015**. Nutrient movement through livestock systems. International Grassland Congress. New Delhi, India, November 20 to 24. *(Invited)*
30. **Adesogan, A. T. 2015**. The impact of forage quality on health and performance of dairy cattle. Joint Annual Meeting of the American Dairy Science Association and the American Society of Animal Science. *(Invited)*
31. **Adesogan, A. T. 2015**. A meta-analysis on the effect of exogenous fibrolytic enzyme treatment of dairy cows diets. Final International Atomic Energy Agency – FAO Research Coordination Meeting. Coordinated Research Project D3.10.27 on The Use of Enzymes and Nuclear Technologies to Improve the Utilization of Fibrous Feeds and Reduce Greenhouse Gas Emission from Livestock. CENA, Piracicaba, Brazil, November, 2015. *(Invited)*
32. **Adesogan, A. T. 2015**. Using additives to increase the shelf life, quality and safety of ensiled feeds. Grassland Science Institute, Inner Mongolia Academy of Agricultural & Animal Husbandry Science, Hohhot, Inner Mongolia, China, September 10, 2015. *(Invited)*
33. **Adesogan, A. T. 2015**. Using additives to increase the shelf life, quality and safety of ensiled feeds. Shenyang Agriculture University, Shenyang, China *(Invited)*
34. **Adesogan, A. T. 2015**. Strategic improvement of forage quality and animal performance with fibrolytic enzymes. Instituto de Ciencias Agricolas, Universidad Baja California, Mexicali, Baja California, Mexico. September 31, 2015. *(Invited)*
35. **Adesogan, A. T. 2015**. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Ensenada, Baja California, Mexico. October 2, 2015. *(Invited)*
36. **Adesogan, A. T. 2015**. Using additives to increase the shelf life, quality and safety of ensiled feeds. Seminar given to Argentinian and Brazilian visiting nutritionists and dairy farmers. Gainesville, FL. August 20, 2015. *(Invited)*
37. **Adesogan, A. T. 2014**. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Proceedings of the 51st Annual Meeting of the Brazilian Society of Animal Science (SBZ). Aracaju, Sergipe, Brazil.
38. **Adesogan, A. T. 2014**. Silage chopping, storing and feeding. Mycogen North Florida Silage Meeting, December 10, Branford, FL.
39. **Adesogan, A. T. 2014**. Harvesting and ensiling quality corn silage on a small scale. Proceedings of the 10th Mid Atlantic Grazing Dairy Conference. Nov. 12-13, Moultrie, GA.
40. **Adesogan, A. T. 2014**. Dry matter losses, density and porosity of silage. Georgia Milk Production Conference, Meet the Professor session, Jan 21-22, Savannah, GA.
41. **Adesogan, A. T. 2014**. Avoiding the two greatest silage problems. UF Dairy Production Conference, April 9, 2014.

42. **Adesogan**, A. T. 2014. Traditional and new methods for measuring silage density. Georgia Milk Production Conference, Jan 21-22, Savannah, GA
43. **Adesogan**, A. T. 2014. Traditional and new methods for measuring silage moisture. Georgia Milk Production Conference, Jan 21-22, Savannah, GA
44. **Adesogan**, A. T. 2014. What to do when silage harvesting is delayed. Georgia Milk Production Conference, Jan 21-22, Savannah, GA
45. **Adesogan**, A. T. 2013. Improving forage preservation with additives, Annual meeting of the American Forage and Grassland Council. Covington, KY, January, 6-9, 2013.
46. Bernardes, T. F. and A. T. **Adesogan**. 2012. Aerobic deterioration of silages in warm climates. Proceedings of the VI Symposium on Strategic Management of Pasture. Viçosa, Brazil. 14-16 November, 2012.
47. **Adesogan**, A. T. 2012. Using additives to increase the shelf life, quality and safety of ensiled feeds. Jinju Agriculture and Trade Show. Jinju, Korea. October, 9, 2012.
48. **Adesogan**, A. T. 2012. Recent advances in the corn to milk chain of the US dairy industry. Department of Animal Science Seminar. Gyeongsang National University, Jinju, Korea. October, 9, 2012.
49. **Adesogan**, A. T. 2012. Using tropical and subtropical legumes to improve animal productivity and health. Southern Pastures Forage Crop Improvement Conference, San Juan, Puerto Rico. June 6 to 8, 2012.
50. Hamie, J.C., M.A. Zarate, J.J. Romero, E.N. Muniz, Y.J. Jang, K.G. Arriola, O.C. Queiroz, and A.T. **Adesogan**. 2012. Reducing the parasite burden in goats with tropical legumes. Quintana Roo, Mexico. May 21-25, 2012.
51. **Adesogan**, A.T. 2012. Importance of professional regulatory agencies to the economy of a nation. Nigerian Institute of Animal Science Training Conference and Induction of Fellows Ceremony. Abuja, Nigeria. April 24, 2012.
52. **Adesogan**, A.T. 2012. Bacteria – Fungi wars; using bacteria to increase feed quality, food safety and animal performance. Seminar Series, Department of Agriculture, Fisheries and Forestry, Agri-Science, Queensland. Brisbane, Australia. December 12, 2012.
53. **Adesogan**, A. T. 2011. Assessing the nutritive value of tropical forages. 34th Argentine Congress of Animal Production, Mar del Plata, Argentina. October 4 to 7, 2011.
54. **Adesogan**, A.T. 2011. Bridging the gap between herbivore nutrition and forage breeding. International Workshop, Aberystwyth, Wales, UK, September, 10, 2011.
55. **Adesogan**, A. T. 2011. Improving the potency and reliability of fibrolytic enzymes for enhancing tropical forage utilization by livestock. Agriculture and Agrifood. Lethbridge, Canada, Feb. 10, 2011
56. **Adesogan**, A. T. Optimizing silage quality. Animal production extension conference. Jinju, S. Korea, June 9, 2011.
57. **Adesogan**, A. T. Strategic ensiling of forages to improve silage quality and shelf life, and to mitigate silage pathogenicity and improve food safety. National Institute of Animal Science. Seoul, S. Korea, June 10, 2011.
58. **Adesogan**, A. T. 2011. Additives for improving ruminal function and animal performance. 21st International Conference on meat and milk production in warm climates. Chihuahua, Mexico. September 5 to 9, 2011.
59. **Adesogan**, A. T. 2011. Strategies to improve silage quality and preservation. 21st International Conference on meat and milk production in warm climates. Chihuahua, Mexico. September 6 to 9, 2011.
60. **Adesogan**, A.T. 2011. Recent advances in some aspects of modern agriculture. Bowen University, Nigeria. November 13, 2011.
61. **Adesogan**, A. T. 2011. Aerobic stability. Staff training meeting. CHR Hansen Inc., Milwaukee, WI. June 14, 2012.
62. **Adesogan**, A. T. 2011. Novel applications for silage inoculants. Research Strategy Meeting. Lallemand Animal Nutrition, Milwaukee, WI. June 13, 2012.
63. **Adesogan**, A. T. 2011. Additives and inoculants for improving the preservation of corn silage and round bale grass haylage, Producer Meeting. Quitman, GA.
64. **Adesogan**, A.T. 2011. Inoculants for improving the preservation of corn and bermudagrass forages. Proc. Corn Silage Field Day, Tifton, GA, May, 2011.
65. Arriola, K., O., Quiroz, E. Muniz, J. Romero, M. Zarate, J. Hamie and **Adesogan**, A.T. 2011. Reducing DM and nutrient losses in high moisture forages. Proc. Corn Silage Field Day, Tifton GA, FL, May, 2011.

66. **Adesogan**, A. T. 2010. Corn silage quality in tropical climates. Proc. 5th Symposium on Strategic Management of Pasture, VISCOSA, Brazil. November, 11-13, 2010.
67. **Adesogan**, A. T. 2010. Fibrolytic enzymes for improving the forage quality and animal performance. Proc. IAEA/FAO consultants meeting, June, 2010. Vienna, Austria.
68. **Adesogan**, A. T. 2010. The imperative, benefits and challenges of optimizing forage utilization in ruminant livestock rations. Proc. Biomin World Nutrition Forum, Salzburg, Austria. October 11-14, 2010.
69. **Adesogan**, A.T. 2010. Preventing field and storage mycotoxin problems in silages. Proc. Corn Silage Field Day, Citra, FL, May, 2010.
70. **Adesogan**, A.T. 2009. Challenges of silage production in the tropics. In: Broderick, G.A., **Adesogan**, A.T., Bocher, L.W., Bolsen, K.K., Contreras-Govea, F.E., Harrison, J.H., Muck, R.E., editors. XVth International Silage Conference Proc., July 27-29, 2009, Madison, Wisconsin p139-156.
71. **Adesogan**, A. T. 2009. Silage Hybrid Update. Proc. Southeast Dairyherd Management Conference, Macon, GA, Nov 11-12, 2009.
72. **Adesogan**, A.T. and Queiroz O.C.M. 2009. Silage pathogenicity and implications on the ruminant production chain. Proc. International Symposium on Forage Quality and Conservation. October, 2830. 2009. Sao Paulo, Brazil.
73. **Adesogan**, A.T. 2009. Methods for pathogenic microorganism detection in silages. Short Course for graduate students at the University of Sao Paulo, Piracicaba, USP/ ESALQ, Brazil. October 26-27. Sao Paulo, Brazil.
74. **Adesogan**, A. T. 2004. Optimizing corn silage production in Florida. Proceedings of the Monsanto Dairy Business Dairy Profitability Seminar titled "Seed to Feed to Milk. Choosing corn hybrids and quality corn silage production". Bell, Florida, November, 2004.
75. **Adesogan**, A. T. 2004. Mejorando el consume voluntario y la digestibilidad de gramineas tropicales con la utilizacion de enzimas fibroliticas. Productores de Forrage y Ganado Lechero [Improving voluntary intake and digestibility of tropical grasses using fibrolytic enzymes. Forage and Dairy Cattle Producers]. University of Puerto Rico, Mayaguez, September, 2004.
76. Dean¹, D.B. and **Adesogan**, A. T. 2004. Uso de aditivos biológicos y químicos para mejorar el valor nutritivo de pastos tropicales [Use of biological and chemical additives to improve nutritive value of tropical pastures]. Florida International Trade Conference, Kissimmee, April, 2004.
77. Chambliss, C.G., Wasdin, J.G., **Adesogan**, A.T. Irrigated corn variety silage yield test results 2003. Proceedings of the Corn Silage Field Day, Citra, FL, May, 2004.
78. **Adesogan**, A.T. 2003. Proven techniques and recent advances in enhancing silage quality. Proceedings of the conference on avances en alimentacion y manejo de ganado lechero (Advances in feeding and management of dairy cattle'. University of La Molina, Lima, Peru, 24-25 September, Paper 2.
79. **Adesogan**, A.T. 2003. Improving the intake and digestibility of poor quality forages. Proceedings of the conference titled Avances en alimentacion y manejo de ganado lechero (Advances in feeding and management of dairy cattle). University of La Molina, Lima, Peru, 24-25 September. Paper 3.
80. **Adesogan**, A.T. 2003. Corn Silage: To process or not to process. Proceedings of the 2003 Florida Corn Silage Field Day, June, 2003. 2 pp.
<http://www.animal.ufl.edu/Dairy/corn%20silage%20field%20day/2003/presentation%20list.htm>
81. **Adesogan**, A.T. 2003. Improving forage quality with fiber-degrading enzymes. University of Florida, Dairy Update, October, 2003. p1.
82. **Adesogan**, A.T. 2002. What are feeds worth? A critical evaluation of selected nutritive value techniques. Proceedings of the 13th Annual Florida Ruminant Nutrition Symposium, Gainesville, Florida, January, 2002. Pp. 33-46.
83. **Adesogan**, A.T. 2002. Silage Inoculant review, Proceedings of the 2002 Corn Silage Field Day, Gainesville, Florida, June, 2002. 6 pp.
<http://www.animal.ufl.edu/Dairy/corn%20silage%20field%20day/2002/presentation%20list.htm>

84. **Adesogan**, A.T., Salawu², M.B., and Dewhurst, R.J. 2000. Recent advances in the evaluation of pea wheat bi-crops. Proceedings of the Maize Growers Association, Whole Crop Cereal Conference, Centre for Dairy Research, Reading, March 2000. 5 pp.
85. **Adesogan**, A.T., Salawu*, M.B., and Dewhurst, R.J. 1999. The production, conservation and nutritive value of pea wheat bi-crops. Proceedings of the Dairy Research Consultancy Meeting, Centre for Dairy Research, Reading. 4 pp.
86. **Adesogan**, A.T. 1997. Homegrown protein forages for dairy cows. Proceedings of the College Network Dairy Event, UWA Aberystwyth, November 1997. 2 pp.
87. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1997. The accuracy of predicting the metabolisable energy content of whole crop wheat (WCW) from near infrared reflectance spectroscopy (NIRS), chemical composition and in vitro. Proceedings of the Royal Agriculture College, British Grassland Society, British Society of Animal Science and Maize Growers Association conference on Quality Forage for Ruminants. March 1997. Paper 13.
88. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1996. Predicting the nutritive value of whole crop wheat. Proceedings of the Maize Growers Association Annual Conference, Cirencester. 6 pp.
89. **Adesogan**, A.T., Givens, D.I., and Owen, E. 1996. Predicting the nutritive value of whole crop wheat. Proceedings of the MGA Whole Crop Cereals Conference, Myerscough College, Preston. 6 pp.
90. **Adesogan**, A.T. 2000. People and globalisation: Opportunities and threats. A report prepared for the British Society of Animal Science on a Commonwealth Agricultural Seminar organized by the Royal Agricultural Society of the Commonwealth, Commonwealth Club London. 8 pp.

Extension publications Total = 21

1. Crosswhite, J.D., N.B. Myers, A.T. **Adesogan**, J.H. Brendemuhl, D.D. Johnson, and C.C. Carr. 2012. Feeding Ensiled Citrus Pulp to Finishing Pigs. EDIS/IFAS. <http://edis.ifas.ufl.edu/AN222>.
2. Bischof, K., Black, T., Mercadante, V., Marquezini, G. DiLorenzo, N. Myer, B. **Adesogan**, A. and Lamb, G.C. 2012. Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers. Florida Beef Research Reports, 2012. In press.
3. Foster[†], J.L., Myer, R. O., A. T. **Adesogan**, J.N. Carter, L.E. Sollenberger, and A. Blount. 2011. Annual warm-season legumes for Florida and the US Gulf Coast: forage yield, nutritional composition and feeding value. UF-IFAS, EDIS, AN259. 5p.
4. Myer, R. O., A. T. **Adesogan**, A. R. Blount, D. W. Gorbet, and B. L. Tillman. 2010. Annual peanut (*Arachis hypogaea* L.) as a potential forage crop for the southeastern U.S. UF-IFAS, EDIS Publication AN255. 5p.
5. **Adesogan**, A. T. and Y.C. Newman. 2010. Silage harvesting, storing and feeding. UF-IFAS EDIS Publication SS-AGR-177, 14 pp.
6. **Adesogan**, A. T., Sollenberger, L.E., Newman, Y.C. and Moore, J.E. 2009. Factors affecting forage quality. Florida Coop. Ext. Serv., Animal Science Dept. Agron., EDIS publication no. SSAGR93/AG161. <http://edis.ifas.ufl.edu/AG161>.
7. Newman, Y.C. and **Adesogan**, A.T. 2009. Defining forage quality. Florida Coop. Ext. Serv., Animal Science Dept. Anim. Sci., EDIS publication SSAGR322/AG322. <http://edis.ifas.ufl.edu/AG332>.
8. Foster[†], J.L., A.T. **Adesogan**, J. N. Carter, L.E. Sollenberger, A.R. Blount, and R.O. Myer. 2009. Annual legumes to complement warm-season perennial grass forage systems in North Florida. 2009 Florida Beef Research Reports. Available at <http://www.animal.ifas.ufl.edu/extension/beef/2009-beefreport/pdf/z-AnnLeg.pdf>
9. Foster[†], J.L., A.T. **Adesogan**, J.N. Carter, A.R. Blount, and R.O. Myer. 2009. Warm-season legume hay or soybean meal supplementation effects on the performance of lambs. 2009 Florida Beef Research Reports. Available at <http://www.animal.ifas.ufl.edu/extension/beef/2009-beef-report/pdf/xWarmhay.pdf>
10. Foster[†], J.L., A.T. **Adesogan**, J.N. Carter, A.R. Blount, and R.O. Myer. 2009. Warm-season legume haylage or soybean meal supplementation effects on the performance of lambs. Florida Beef Research Reports. Available at <http://www.animal.ifas.ufl.edu/extension/beef/2009-beef-report/pdf/yWarmHaylage.pdf>

11. **Adesogan**, A.T., **Sollenberger**, L.E., and **Moore**, J.E. 2007. Forage Quality. In: Florida Forage Handbook. M. Adjei (ed). EDIS Publication #SS-AGR-93. Available at http://edis.ifas.ufl.edu/document_ag161.
12. **Kunkle**, W. E., **Chambliss**, C.G., **Adesogan**, A. T., and **Adjei**, M.B. 2007. Silage Harvesting, Storing, and Feeding. In: Florida Forage Handbook. M. Adjei (ed). EDIS Publication # SS-AGR-177. Available at http://edis.ifas.ufl.edu/document_ag180.
13. Kreuger[†], N.A., **Adesogan**, A.T., Staples, C.R., and Kreuger[†], W. K. 2006. Effect of applying ammonia or fibrolytic enzymes to bermudagrass hay on feed intake, digestibility, and growth of beef steers. 2007 Florida Beef Research Report. UF-IFAS Extension, pp. 29-34.
14. Kreuger[†], N.A., **Adesogan**, A.T., Staples, C.R., Dean^{† †}, D. B., and Kreuger[†], W. K. 2006. Effect of esterase enzyme application on the digestibility of warm season grasses. 2005 Florida Beef Research Report. UF-IFAS Extension, pp. 29-34.
15. Chikagwa-Malungwa, S.K., **Adesogan**, A.T., and Sollenberger, L.E. 2005. Effect of maturity at harvest on chemical composition, tannin concentration, digestibility, and yield of velvetbean (*Mucuna pruriens*). Florida Beef Research Reports. p 64-67.
16. Dean[†], D. B., **Adesogan**, A.T., Kreuger[†], N.A. 2005. The effect of treatment of two warm season grass hays with commercial fibrolytic enzymes or ammonia on nutritive value. 2005 Florida Beef Research Report. UF-IFAS Extension, pp. 67-69.
17. **Adesogan**, A.T. 2009. New silage hybrids for dairy production. Proc. Southeast Dairy Management Conf. November, 2009. Macon, Georgia.
18. **Adesogan**, A.T. 2009. Challenges of Silage Production in the Tropics. Proc the XVth Int. Silage Conf. July 26-28. Madison, WI.
19. **Adesogan**, A.T., **Givens**, D.I., and **Owen**, E. 1997. The accuracy of predicting the metabolisable energy content of whole crop wheat (WCW) from near infrared reflectance spectroscopy (NIRS), chemical composition and in vitro. Proc. Royal Agriculture College, British Grassland Society, British Society of Animal Science and Maize Growers Assoc. conference on Quality Forage for Ruminants. March, 1997. Paper 13.
20. **Adesogan**, A.T., **Givens**, D.I., and **Owen**, E. 1996. Predicting the nutritive value of whole crop wheat. Proc. Maize Growers Assoc. Annual Conf., Cirencester. 6 pp.
21. **Adesogan**, A.T., **Givens**, D.I., and **Owen**, E. 1996. Predicting the nutritive value of whole crop wheat. Proc. Maize Growers Assoc. Whole Crop Cereals Conf., Myerscough College, Preston. 6 pp.

Media Releases/ Popular Press Articles: Total = 24

1. James, B. Borger, R., Payne, J., A. Havelaar and **Adesogan** A.T. 2018. UF gets \$8.7 million grant to improve nutritional quality and food safety in Ethiopia, Burkina Faso. This press release about the Bill and Melinda Gates Foundation award has been carried by over 30 media outlets including US News and World report, Philanthropy news, New Zealand herald etc.
2. **Adesogan**. A.T. et al. 2017. The work of Dr. **Adesogan** and the staff and faculty team of the Innovation Lab for Livestock Systems have been featured in various popular press articles by media outlets like NPR, WUFT TV, The Alligator as well as the UF Alumni Magazine, The UF Alumni Fundraising Kick-off Event.
3. **Adesogan** A.T., G.E. Dahl, and A. Havelaar. 2016. IFAS Research Video on the Feed the Future Innovation Lab for Livestock Systems. <https://www.youtube.com/watch?v=6nrZVHPWmnw>.
4. James, B. J., Borger, R. H, Dahl, G. E., **Adesogan**, A. T. and Bowen, W. 2015. USAID awards university of Florida \$49.5 million grant to establish the feed the future innovation lab for livestock systems. IFAS Communications Press Release.
5. Vendramini, J. and A. T. **Adesogan**. 2015. Improving conservation, feeding value of haylage. Feedstuffs. January, 2015.

6. Kays, A. 2013. Promising results from papaya for parasite-plagued goats. UF/IFAS expert. Available at <http://news.ifas.ufl.edu/2013/06/ufifas-expert-promising-results-from-papaya-for-parasite-plagued-goats/>. Accessed December 2013.
7. Nordlie, 2012. Beneficial bacteria control effects of Southern corn rust, aflatoxin in silage UF/IFAS researchers find. Available at news.ifas.ufl.edu/.../beneficial-bacteria-control-southern-corn-rust-afl.
8. **Adesogan** A.T., O. Queiroz, and K.G. Arriola. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Florida Dairy Update. Summer, 2011.
9. **Adesogan** A.T., O. Queiroz, and K.G. Arriola. Effects of different combo inoculants on the quality of bermudagrass haylage. Florida Dairy Update. Spring, 2011.
10. **Adesogan** A.T., O. Queiroz, C. Staples, and J. Hun. Effects of feeding a mycotoxin-adsorbent on milk aflatoxin M₁ concentration and on the performance and immune response of dairy cattle fed an aflatoxin-contaminated diet. Florida Dairy Update. Fall, 2010.
11. Queiroz, O., A. T. **Adesogan**, K. Arriola and, M. Queiroz. 2010. Effect of a bacterial inoculant on the quality of and nutrient losses from corn silage produced in farm-scale silos. Florida Dairy Update. Fall, 2010.
12. Myer, R. O., A. T. **Adesogan**, J.N. Carter, and J.L. Foster. 2009. Warm-season legume forages as supplements to bahiagrass. The Florida Cattleman. June, 2009.
13. **Adesogan**, A.T. and Queiroz[†], O. 2009. Effect of rust infestation on the quality of corn silage. University of Florida, Dairy Update, January, 2009.
14. **Adesogan**, A.T., C.R. Staples, Kim^{*}, S.C., Arriola[†], K. 2007. Fiber enzymes work sometimes. Hoards' Dairyman. September, 2008.
15. **Adesogan**, A.T., C.R. Staples, Kim^{*}, S.C., Arriola[†], K. 2007. Certain Supplemental fiber-digesting enzymes can improve milk production. University of Florida, Dairy Update, Fall., 2007, p 4.
16. **Adesogan**, A.T., Arriola[†], K.G., and Staples, C.R. Stay-green ranking effects on corn silage quality and milk production. University of Florida, Dairy Update, January, 2007, p1.
17. **Adesogan**, A.T., D. B. Dean[†] and C.R. Staples. 2006. Effect of enzyme addition to bermudagrass silage-based rations on the performance of dairy cows. University of Florida, Dairy Update, January, 2006. p4.
18. **Adesogan**, A.T. 2005. Determining when to harvest stay-green corn hybrids. University of Florida, Dairy Update, October, 2005. p1.
19. **Adesogan**, A.T. 2004. Effect of treating bermudagrass with an inoculant, molasses and a mixture of these additives on silage fermentation and aerobic stability. University of Florida, Dairy Update, January, 2004. p3.
20. **Adesogan**, A.T. 2003. Improving forage quality with fiber-degrading enzymes. University of Florida, Dairy Update, October, 2003. p1.
21. Bi-Crops for economical and environmentally friendly cattle feed. *Advances in Wales*, 30, p. 8, 2001.
22. Using pea/wheat silage to reduce concentrates. *Farmers Weekly*, April 20 –26, p. 38, 2001.
23. Making the most of whole crop cereals. *Milk Development Council Research into Practice (1996/7)* 16 pp.
24. La Bicosecha, Nuevo metodo de cultivo mas rentable y ecologico [Bioharvest, New more profitable and ecologically beneficial cropping method]. *Mundo Agropecuario*, Numero 26, 2000, pp. 5-6.

Reports for research sponsors: Total = 30

1. Eilitta, M., Hendricx, S., Pfluger, B. Ludgate, N. and **Adesogan**, A. T. Feed the Future innovation Lab for Livestock Systems Annual Report (FY 2017). November 2017
2. **Adesogan**, A. T., K.C. Jeong, I. M. Ogunade and Z. G. Weinberg. 2016. The interactions between enterobacteria and lactic acid bacterial inoculants in silage. Final report submitted to BARD Project # IS-4704-15.
3. Eilitta, M., Hendricx, S., Pfluger, B. Ludgate, N. and **Adesogan**, A. T. Feed the Future innovation Lab for Livestock Systems Annual Report (FY 2016). November 2016

4. Jiang, Y., Arriola, A. T., Ogunade, I. M., Vyas, D., and **Adesogan**, A. T. 2016. Effect of sequestering agents based on a *saccharomyces cerevisiae* fermentation product and clay on the health and performance of lactating dairy cows challenged with dietary aflatoxin B₁. Report submitted to Diamond V., Cedar Rapids, IA.
5. **Adesogan**, A.T., M. Eilitta, G. E. Dahl, A. Havelaar, S. Russo, et al., 2015. Workplan, Performance Management Plan, and Environmental Monitoring and Mitigation Plan for the Feed the Future Innovation Lab for Livestock Systems. Reports on a project funded by USAID, October 30, 2015.
6. **Adesogan**, A. T., I. M. Ogunade and K. C. Jeong. 2015. Control of *Escherichia coli* O157:H7 in alfalfa silage contaminated with the pathogen: Effects of silage additives. Annual report submitted to BARD (Project # IS-4704-14). November 6 2015.
7. Jiang, Y., R. Martins, K. Arriola, C. Staples, and A. T. **Adesogan**. 2015. The effect of the dose and viability of a microbial feed additive on the ruminal pH pattern and performance of lactating dairy cows. Report on a project funded by Pioneer, a Du Pont company, IA.
8. Jiang, Y., R. Martins, K. Arriola, C. Staples, and A. T. **Adesogan**. 2015. The effect of the dose and viability of a microbial feed additive on the ruminal pH pattern and performance of lactating dairy cows. Report on a project funded by Pioneer, a Du Pont company, IA.
9. Ogunade, I., C. R. Staples, and A. T. **Adesogan**. 2014. Reducing transmission of dietary mycotoxins into milk with sequestering agents. Report on a project funded by Diamond V, Cedar Rapids, IA.
10. Ma, Z. 2014. Sequestration of aflatoxin by silage inoculant bacteria. MS Thesis, University of Florida.
11. Vasconcelos, V., K.G. Arriola, and A. T. **Adesogan**. 2014. Effects of in-feed enzymes (carbohydrases) on the fermentation characteristics of fibrous feed ingredients for ruminants using an in-vitro model system. Report on a project funded by Danisco, United Kingdom.
12. **Adesogan** A.T. and O. Queiroz. 2012. Effect of a silage inoculant on the fermentation and aerobic stability of maize silage. Final report on a project funded by Chr. Hansen, Denmark.
13. **Adesogan** A.T. and O. Queiroz. 2012. Effect of applying a silage inoculant to corn silage on the production results when fed to high yielding cows. Interim report on a project funded by Chr. Hansen, Denmark.
14. **Adesogan** A.T. and K. Arriola. 2012. Effect of different silage additives on the fermentation and aerobic stability of corn silage. Final report on a project funded by Chr. Hansen, Denmark.
15. **Adesogan** A.T., O. Queiroz, and C. Staples. 2010. Reducing transmission of dietary mycotoxins into milk. Final report on a project funded by Amlan International, Chicago, IL.
16. **Adesogan**, A.T., Kim*, S.C., Kang*, T. 2007. Effects of a prototype inoculant on in situ dry matter and neutral detergent fiber digestion of corn silage. Final report on a project funded by Pioneer HiBred Int. Inc. Des Moines, IA. 12 pp.
17. **Adesogan**, A.T., Kim*, S.C., Arriola[†], K.G., and Staples, C.R. 2007. Effect of fibrolytic enzymes on the performance of dairy cattle: Effect of esterase-xylanase fibrolytic enzyme application to diets with high or low levels of concentrates on the performance of dairy cattle. Final report on a project funded by Dyadic Int. Inc. Jupiter, FL. 7 pp.
18. **Adesogan**, A.T. 2006. Improving forage quality and livestock productivity with exogenous fibrolytic enzymes. Termination report on research funded by USDA CSREES T-STAR, December, 2006.
19. **Adesogan**, A.T. 2000. People and globalisation: Opportunities and threats. A report prepared for the British Society of Animal Science on a Commonwealth Agricultural Seminar organized by the Royal Agricultural Society of the Commonwealth, Commonwealth Club London. 8 pp.
20. **Adesogan**, A.T. 2005. Determining when to harvest stay-green corn hybrids. Report on Research funded by the Florida Milk Check-Off. 1 p.
21. **Adesogan**, A.T. 2004. Improving forage quality and livestock productivity with exogenous fibrolytic enzymes. Continuing progress report on research funded by USDA CSREES T-STAR, February, 2004. 18 pp.
22. **Adesogan**, A.T. 2004. The effect of Biotal BuchneriTM 500 on the fermentation characteristics and aerobic stability of bermudagrass. Report on research funded by Lallemand Animal Nutrition, Wisconsin, January, 2004. 21 pp.

23. **Adesogan, A.T.** 2004. Improving fiber digestion with commercial enzymes. Report on Research funded by the Florida Milk Check-Off. 1 p.
24. **Adesogan, A.T.** 2003. Improving fiber digestion with commercial enzymes. Report on Research funded by the Florida Milk Check-Off. 1 p.
25. **Adesogan, A.T.** 2003. Improving forage quality and livestock productivity with exogenous fibrolytic enzymes. First year progress report on research funded by USDA CSREES T-STAR, November, 2003. 2 pp.
26. **Adesogan, A.T., and Salawu*, M.B.** 2001. The effect of additive treatment of crimped wheat on fermentation characteristics, chemical composition, aerobic stability, microbial growth, in vivo digestibility and voluntary feed intake. Report on research funded by Lallemand, France. 19 pp.
27. **Adesogan, A.T., and Salawu*, M.B.** 2001. The effect of two inoculant additives and formic acid on the aerobic stability and nutritive value of whole crop peas, whole crop wheat and pea-wheat bi-crops. Report on research funded by Biotal Ltd. Cardiff, UK. 20 pp.
28. **Adesogan, A.T.** 2000. The effect of CRINA essential oil supplementation on the dry matter intake and in vivo apparent digestibility of grass silage fed to lambs. Report on research commissioned by Akzo Nobel Surface Chemistry Ltd. 10 pp.
29. **Jones, R., Theodorou, M.K., Merry, R., Adesogan, A.T., Davies, D., Dewhurst, R.J., Fraser, M., Fychan, R., Salawu*, M.B., Kingston-Smith, A., Winters, A., and Nash, R.** 2000. Conservation of alternative forage crops. Report on research commissioned by the Milk Development Council, UK. 263 pp.
30. **Adesogan, A.T., Givens, D.I., and Owen, E.** 1998. Prediction of the nutritive value of whole crop wheat. Report on Part 1 of the LINK Programme 'Technologies for Sustainable Farming Systems - Development of Whole Crop Wheat Conservation And Utilization.' Research commissioned jointly by Agricultural Genetics Co Ltd, BOCM Pauls, Dalgety Agriculture, Hi Spec Engineering Ltd, ICI Nutrition, J Bibby Agriculture Ltd, Maize Growers Assoc., Milk Marketing Board of England & Wales, Ministry of Agriculture, Fisheries & Food, Rumenco, Trouw (BP) Nutrition UK Ltd & Zeneca Seeds UK Ltd. 40 pp.

LECTURES AND SPEECHES PRESENTED AT PROFESSIONAL CONFERENCES, WORKSHOPS AND MEETINGS SINCE 2005:

Total = 168

International/ National: Total = 129

1. **Adesogan A.T.,** 2020. Global food security disruptions caused by COVID-19 and changes needed to prevent future occurrences. Lagos State Nigeria University Public Lecture, (Online meeting).
2. **Adesogan A.T.,** 2020. Storage practices to improve forage quality and reduce shrink. Tristate Nutrition Conference, Kansas City (Online meeting). July 2020.
3. **Adesogan A.T., K. G. Arriola,** 2020. Bacterial inoculants for improving silage preservation and animal performance. Cornell Nutrition Conference. Ithaca (Online meeting). October 21. 2020.
4. **Adesogan A.T., K. G. Arriola, and P. Smith.** 2019. Using inoculants to reduce dry matter losses and increase milk production by dairy cows. China Silage Conference, Changsha, China, October 27, 2019.
5. **Adesogan A.T.,** 2019. When prevention fails: the need, use and estimated market for aflatoxin sequestering agents in three African countries. World Mycotoxin Forum. Belfast, October 15, 2019.
6. **Adesogan A.T.,** 2019. Animal source foods: Critical for sustainability, cognition, education and economic productivity. UF Animal Sciences departmental seminar. September 4, 2019.
7. **Adesogan, A.T. and S.C.J. Hendrickx,** Feed the Future Innovation Lab: for Livestock Systems - Update on project progress. Bureau for Food Security, USAID, Washington DC. September 19, 2019.
8. **Dahl, G.E. S. Mckune, A. Havelaar, A. Adesogan, S.C.J. Hendrickx, and J. Vipham.** 2019. Animal Source Foods (ASF): Contributions to Food and Nutritional Security. Global Agenda for Sustainable Livestock Annual Meeting. Manhattan Kansas, 9 September, 2019.

9. **Adesogan** A.T., 2019. Sustainable diets must include animal source foods. Proc. Annual Meeting of the American Society of Animal Science Annual Meeting. July, 2019. Austin, TX.
10. **Adesogan**, A.T., S. Mckune and K. Colverson. Gender equity, food taboos and animal-source food consumption. Aligning the food system for improved nutrition in animal-source foods. UC Davis. May 13-15, 2019.
11. **Adesogan** A.T., Kathy Arriola and Yun Jiang, 2019. Pathogenic bacteria and their toxins in silages. Short-course on the hygienic quality of silages. State University of Maringa, Brazil, April 9 - 10, 2019
12. **Adesogan** A.T., Kathy Arriola and Yun Jiang, 2019. Pathogenic bacteria and their toxins in silages. Molds and mycotoxins in silages. State University of Maringa, Brazil, April 9 - 10, 2019
13. **Adesogan** A.T., Kathy Arriola and Yun Jiang, 2019. Effects of unhygienic silages on animals. Short-course on the Hygienic Quality of Silages. State University of Maringa, Brazil, April 9 - 10, 2019
14. **Adesogan** A.T., Kathy Arriola and Yun Jiang, 2019. Effects of unhygienic silages on humans. Short-course on the Hygienic Quality of Silages. State University of Maringa, Brazil, April 9 - 10, 2019
15. **Adesogan** A.T., 2019. Biological, chemical, physical and management strategies for preventing and mitigating aflatoxin. Workshop on Prevention and Mitigation of Aflatoxin Contamination of Food and Feeds. April 3, 2019. Kigali, Rwanda
16. **Adesogan** A.T., 2019. Biological, chemical, physical and management strategies for preventing and mitigating aflatoxin. Workshop on the Prevention and Mitigation of Aflatoxin Contamination of Animal Feed and Animal-Source Foods. April 3, 2019. Addis Ababa Ethiopia
17. **Adesogan** A. T. 2019. The payoff of investing in research in developing economies. Feed the Future Innovation Labs. American Farm Bureau Federation National Convention, New Orleans, LA, Jan 13, 2019.
18. **Adesogan** A. T. 2018. The Importance of Using animal-source foods to diversify the diets of the poor in the developing world. Institute of Learning in Retirement, Oak Hammock, Gainesville, FL, Jan. 3. 2018.
19. **Adesogan** A. T. 2018. The Importance of animal agriculture in meeting global food security, educational and economic needs. UF Retired Faculty Seminar Series. February 10. Harn Musuem of Art. University of Florida.
20. Y. Jiang and A. T. **Adesogan**. 2018. Anti-Quality Factors with Forage Baleage and Grain Crop Silage SERA 041 section. 2018 American Society of Animal Science Southern Section Meeting, February 4, 2018. Houston Texas. **Adesogan**. A. T. 2018. Improving global food security. University of Florida Campaign Cabinet Meeting. March. Orlando FL.
21. **Adesogan**. A. T. 2018. The Importance of animal agriculture in meeting global food security, educational and economic needs. Block and Bridle Annual Convention. March 2018. Orlando Florida.
22. **Adesogan**. A. T. 2018. Nutrient density in animal products. IFAS Sub-Saharan Africa Nutrition Workshop. University of Florida. April 26, 2018
23. **Adesogan** A. T. 2018. Focus on Feed: USAID and Bill & Melinda Gates Foundation collaboration on feed research and capacity building. Livestock Systems Innovation Lab Global Nutrition Symposium. January Addis Ababa
24. **Adesogan** A. T. 2018. Opportunities and challenges in using sorghum forage to improve ruminant livestock productivity. Sorghum in the 21st Century Conference organized by the Sorghum and Millet innovation Lab. April 10 20`18. Cape Town, South Africa
25. **Adesogan**. A. T. 2018. Innovations for improving nutrition by the Feed the Future Innovation Lab for Livestock Systems. USAID Regional Partner's Meeting. May 21. Kampala, Uganda
26. Y. Jiang and A. T. **Adesogan**. 2018. How silage inoculants reduce dry matter losses and increase milk production. May 28. Lavras, Brazil
27. **Adesogan**, A. T. 2018. Technology for improving fiber utilization. American Dairy Science Association Annual Meeting. June 26. 2018. Knoxville Tennessee

28. **Adesogan** A. T., The Importance of animal agriculture in meeting global food security, educational and economic needs. American Society of Animal Science Annual Meeting. July 8-12. Vancouver, Canada
29. **Adesogan**, A. T. and S. C. J. Hendrickx. 2018. Update on the activities of the Feed the Future Innovation U for Livestock Systems. Brown Bag Seminar. USAID Bureau for Food Security. September 2018. Washington DC
30. **Adesogan**, A. T. 2018. Livestock Systems Innovation Lab. Global activities, innovations and scaling plans for Nepal. Presentation to the Vice Chancellor of Agriculture and Forestry University, Chitwan Nepal. September Gainesville Florida.
31. **Adesogan**, A. T. 2018. Livestock Systems Innovation Lab. Global activities, innovations and scaling plans for Cambodia. Feed the Future Innovation Lab for Livestock Systems Annual Innovation Platform Meeting. September, 2018. Kathmandu, Cambodia.
32. **Adesogan**, A. T. 2018. Conducting excellent research for publication in high impact journals. September 2018. Royal University of Agriculture, Cambodia
33. **Adesogan**, A. T. 2018. Principles of writing successful grant applications, September 2018. Royal University of Agriculture, Cambodia
34. **Adesogan**, A. T. 2018. Aflatoxins in feeds: risks for animals and humans and mitigation strategies. September 2018. Partnership for Aflatoxin Control in Africa Symposium. Symposium organized by the Post Harvest Innovation Lab. October 2018. Dakal, Senegal.
35. **Adesogan**, A. T. 2018. Update on the activities of the Feed the Future Innovation Lab for Livestock Systems. USAID Senegal and USAID Sahel Regional Office. October, 2018. Dakar, Senegal
36. Hendrickx, S. C. J. and **Adesogan** A. T. 2018. The Importance of animal agriculture in meeting global food security, educational and economic needs. Sustainability Seminar Series. September, 2018. Department of Animal Sciences, University of Florida
37. **Adesogan**, A. T. 2018. How silage inoculants reduce dry matter losses and increase milk production. October, 2018. China Agricultural University, Beijing, China.
38. **Adesogan**, A. T. 2018. How silage inoculants reduce dry matter losses and increase milk production. October, 2018. Langzhou University, Langzhou, China.
39. Hendrickx, S. C. J. and **Adesogan**, A. T. 2018. Lessons learned from mycotoxin research in East Africa. One Health Symposium on Risk Communication. 18 November, 2018. University of Florida
40. Hendrickx, S. C. J. and **Adesogan**. 2018. Careers in animal science; a noble profession. October 25, 2018. Department of Animal Sciences, University of Florida
41. **Adesogan**. A. T. 2018. The vital role of livestock in meeting global economic, education, sustainability needs. Tropilunch Seminar Series. Tropical Conservation and Development Center, University of Florida.
42. **Adesogan**. A. T. 2018. THE US land-grant university system: A key to US agricultural productivity and advancements. Nepal Agricultural Education Policy Symposium. 25 November, 2018, Bharatpur, Nepal.
43. **Adesogan**. A. T. 2018. Mycotoxins feeds, and feed supply chains. National Stakeholder Consultation Workshop on Mycotoxin Mitigation for Health, Nutrition, Agricultural Productivity and Prosperity in South Asia. Organized by the Feed the Future Innovation Labs for Nutrition and Post-Harvest Loss Reduction, and the Government of Nepal. Nepal Academy of Science and Technology (NAST), Satdobato, Lalitpur, Nepal. November 30, 2018
44. **Adesogan**. A. T. 2017. Importance of Animal-Source Foods: Nutrition and developmental health of children and pregnant and lactating women. International Livestock Congress, Houston Texas, March, 2017. *(Invited)*
45. **Adesogan**. A. T. 2017. Florida's role in improving global food security. Presented to the Florida Congressional Delegation on November 15 2017 at the Rayburn House Building, Washington DC. *(Invited)*
46. **Adesogan**. A. T. 2017. Principles of writing successful grant applications. Presented to the Agriculture and Forestry University Chitwan. November 29 2017*(Offered)*

47. **Adesogan. A. T. 2017.** Conducting excellent research for publication in high impact journals. Presented to the Agriculture and Forestry University Chitwan. November 29 2017. *(Offered)*
48. Hendrickx, S., S. Mckune, M. Eilitta and A. T. **Adesogan. 2017.** Tailoring livestock sector research priorities to country specific needs in order to maximize nutritional impact: Lessons from the Livestock System Innovation Lab. Seventh International Conference on Food Studies and the Food Studies Research Network, Rome. October 25 -27, 2017 *(Offered)*
49. **Adesogan. A. T. 2017.** Approximately 20 invited/offered presentations on the mandate, approach, grants and funded projects of Feed the Future Innovation Lab for Livestock Systems were given at various national and international venues including the following:
- i. World Organization for Animal Health (OIE), Rome
 - ii. SSAFE Board of Directors Meeting, Houston Texas
 - iii. USAID Bureau for Food Security, Washington DC
 - iv. USAID Missions in Niger, Rwanda, Burkina Faso, Cambodia, Ethiopia, and Nepal.
 - v. Kenya Agricultural Research Organization, Nairobi. vi. Kenya Veterinary Vaccines Production Institute, Nairobi Kenya
 - vii. College of Veterinary Medicine, Makerere University, Uganda
 - viii. Bill and Melinda Gates Foundation, Seattle, WA ix. Livestock value chain stakeholder meetings in Niger, Rwanda, Burkina Faso, Cambodia, Ethiopia, and Nepal.
50. **Adesogan A. T.** Report of the Quality Assurance Review of the Department of Food Production, University of the West Indies, St. Augustine Campus, Trinidad, February 3, 2017. *(Invited)*
51. **Adesogan A. T.** and M. Eilitta. 2017. Animals in production systems: needs, challenges and opportunities: Identifying agriculture research priorities and strengthening partnerships. Feed the Future Innovation Labs, West Africa Regional Partners Meeting, Dakar Senegal, February, 7, 2017. *(Invited)*
52. Dahl G. E. and **Adesogan. A. T. 2016.** Opportunities for international research and development through the Feed the Future Innovation Lab for Livestock Systems July. International Animal Agriculture Symposium. American Society of Animal Science and American Dairy Science Society Annual Meeting, July 2016, Salt Lake City, UT. *(Invited)* 2016. *(Invited)*
53. Eilitta, M. and **Adesogan A. T. 2017.** Research opportunities and groups in crop-livestock research. Kansas State University Colleges of Agriculture and Veterinary Medicine Workshop, Manhattan, Kansas, January 8, 2017. *(Invited)*
- Adesogan. A. T. 2016.** Improving the health of livestock and agriculture management practices contributing to the achievement of the 2030 Sustainable Development goals. Academy of Nutrition and Dietetics FNCE Annual Symposium, Boston, October 15 2016. *(Invited)*
54. **Adesogan. A. T. 2016.** Principles of conducting successful on-farm research trials. Food and Agricultural Research and Extension Institute, Quatre Bornes, Mauritius, July 27, 2016. *(Invited)*
55. **Adesogan. A. T. 2016.** The imperative to use animal-sourced foods to improve the nutritional status, cognitive development, health and incomes of vulnerable people. Reading University, United Kingdom, October 28. *(Invited)*
56. **Adesogan. A. T. 2016.** Recent developments in the maize to milk chain. University of El Salvador, El Salvador. August 11, 2016. *(Invited)*
57. Dahl G. E. and **Adesogan. A. T. 2016.** The role of livestock in poverty reduction and improving nutrition and implications for climate change mitigation. One-Health Colloquium. Sustainable livestock and disease control - exploring the links to climate change, improving human nutrition and the refugee crisis. 31 May. 2016. *(Invited)*
58. **Adesogan. A. T. 2016.** The importance of the livestock sector to rural livelihoods and poverty alleviation and the associated challenges. Committee on World Food Security. Investing in food safety for equitable and

sustainable development. World Health Organization / FAO Side Event, Rome. October 18.

<http://www.fao.org/cfs/cfs-home/plenary/cfs43/side-events/68/en/> (*Invited panelist*)

59. Staples, C. R. and A. T. **Adesogan**. 2016. Mycotoxins' economic impact versus preventive measures. DIGAL 2016. Delicias, Chihuahua, Mexico, September 7 to 9. (*Invited*)
60. Eilitta, M. and **Adesogan, A. T.** 2016. New funding mechanisms in livestock research. European Commission for the Control of Foot-and-Mouth Disease. Portugal. October 28. (*Invited*)
61. **Adesogan, A. T.** 2016. Strategic use of livestock to improve food security, health and livelihoods. Global Nutrition Symposium, Iowa State University, Ames, IA. April 13. (*Invited*)
62. **Adesogan, A. T.** 2016. Policy-related challenges in increasing livestock production and consumption of Animal-Source Food (ASF) in Africa. Policy reforms to boost the potential of the livestock sector in Africa" African Sustainable Livestock 2050. FAO, Rome, 4 May. (*Invited*)
63. **Adesogan, A. T.** 2016. Partnership with the International Livestock Research Institute. Board for International Agriculture Development (BIFAD) Public Meeting. Washington DC. March 10. (*Invited*)
64. **Adesogan, A. T.** 2016. Approximately 30 presentations on the mandate, approach, grants and funded projects of Feed the Future Innovation Lab for Livestock Systems were given at various national and international venues including the following:
 - x. Food and Agriculture Organization (FAO)
 - xi. US Ambassador to the United Nations, Rome
 - xii. Botswana Ambassador to the United States of America
 - xiii. US Ambassador to Niger
 - xiv. World Food Program (WFP), Rome
 - xv. USAID Missions in Niger, Rwanda, Burkina Faso, Cambodia, Ethiopia, Nepal and Nigeria.
 - xvi. Ministries of Agriculture in Niger, Rwanda, Burkina Faso, Cambodia, Ethiopia, and Nepal.
 - xvii. Livestock value chain stakeholders in Niger, Rwanda, Burkina Faso, Cambodia, Ethiopia, and Nepal.
 - xviii. International Livestock Research Institute, Ethiopia
 - xix. Association of Public and Land-grant Universities, Washington DC
 - xx. Bill and Melinda Gates Foundation, Seattle, WA
 - xxi. Dupont Pioneer, IA
 - xxii. Elanco, Greenfield, IN
65. **Adesogan, A.T., L.E. Sollenberger and J.C. Dubeux.** 2015. Nutrient movement through livestock systems. International Grassland Congress. New Delhi, India, November 20 to 24. (*Invited*)
66. **Adesogan, A. T.** 2015. The impact of forage quality on health and performance of dairy cattle. Joint Annual Meeting of the American Dairy Science Association and the American Society of Animal Science. (*Invited*)
67. **Adesogan, A. T.** 2015. A meta-analysis on the effect of exogenous fibrolytic enzyme treatment of dairy cows diets. Final International Atomic Energy Agency – FAO Research Coordination Meeting. Coordinated Research Project D3.10.27 on The Use of Enzymes and Nuclear Technologies to Improve the Utilization of Fibrous Feeds and Reduce Greenhouse Gas Emission from Livestock. CENA, Piracicaba, Brazil, November, 2015. (*Invited*)
68. **Adesogan, A. T.** 2015. Using additives to increase the shelf life, quality and safety of ensiled feeds. Grassland Science Institute, Inner Mongolia Academy of Agricultural & Animal Husbandry Science, Hohhot, Inner Mongolia, China, September 10, 2015. (*Invited*)
69. **Adesogan, A. T.** 2015. Using additives to increase the shelf life, quality and safety of ensiled feeds. Shenyang Agriculture University, Shenyang, China (*Invited*)

70. **Adesogan, A. T.** 2015. Strategic improvement of forage quality and animal performance with fibrolytic enzymes. Instituto de Ciencias Agricolas, Universidad Baja California, Mexicali, Baja California, Mexico. September 31, 2015. *(Invited)*
71. **Adesogan, A. T.** 2015. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Ensenada, Baja California, Mexico. October 2, 2015. *(Invited)*
72. **Adesogan, A. T.** 2015. Using additives to increase the shelf life, quality and safety of ensiled feeds. Seminar given to Argentinian and Brazilian visiting nutritionists and dairy farmers. Gainesville, FL. August 20, 2015. *(Invited)*
73. **Adesogan, A. T.** 2014. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Proceedings of the 51st Annual Meeting of the Brazilian Society of Animal Science (SBZ). Aracaju, Sergipe, Brazil. *(Invited)*
74. **Adesogan, A. T.** 2013. Recent advances in agriculture along the maize to milk chain. Federal University Wukari, Taraba State, Nigeria, December 13 *(Invited)*
75. **Adesogan, A. T.** 2013. Coming to the US for graduate studies. Federal University Wukari, Taraba State, Nigeria, December 13 *(Invited)*
76. **Adesogan, A. T.** 2013. Thinking outside the box; Developing novel ways of improving animal performance using exogenous fibrolytic enzymes. Departmental Seminar. Chinese Academy of Sciences, Changsha, China, November 8, 2013. *(Invited)*.
77. **Adesogan, A. T.** 2013. Strategic use of fibrolytic enzymes to increase animal performance. Departmental Seminar. Nanjing Agricultural University, Nanjing China, November 7, 2013. *(Invited)*.
78. **Adesogan, A. T.** 2013. Using plant bioactive compounds to improve animal nutrition and health. Departmental Seminar. Zhejiang University, Hangzhou, China, November 6, 2013. *(Invited)*.
79. **Adesogan, A. T.** 2013. Improving forage quality and animal performance with fibrolytic enzymes. Departmental Seminar. Zhejiang University, Hangzhou, China, November 5, 2013. *(Invited)*.
80. **Adesogan, A. T.** 2013. Aflatoxins: risk factors, prevention and control. Meeting of producers, extension agents and ministry officials to discuss strategies to prevent repetition of the 2012 milk aflatoxin contamination epidemic. Djakovo and Slavonia, Croatia, 16 and 17, September 2013. *(Invited)*.
81. **Adesogan, A. T.** 2013. Improving forage quality and animal performance with fibrolytic enzymes. Joint annual meeting of the American Society of Animal Science and the American Dairy Science Association. Indianapolis, IN. July 12-14, 2013. *(Invited)*
82. **Adesogan, A. T.** 2013. Improving forage preservation with additives. Annual meeting of the American Forage and Grassland Council. Covington, KY, January, 6-9, 2013. *(Invited)*
83. **Adesogan, A. T.** 2013. Tropical forage challenges. Quality optimization strategies for dairy production. Leche Dairy Farmers Meeting, Sonsonate, El Salvador, February 28, 2013. *(Invited)*
84. **Adesogan, A. T.** 2013. Additives for improving ruminal function and animal performance. Departmental Seminar. University of El Salvador, San Salvador. February 25, 2013. *(Invited)*
85. Bernardes, T. F. and A. T. **Adesogan.** 2012. Aerobic deterioration of silages in warm climates. Proceedings of the VI Symposium on Strategic Management of Pasture. Viçosa, Brazil. 14-16 November, 2012. *(Invited)*
86. **Adesogan, A. T.** 2012. Using additives to increase the shelf life, quality and safety of ensiled feeds. Jinju Agriculture and Trade Show. Jinju, Korea. October, 9, 2012. *(Invited)*
87. **Adesogan, A. T.** 2012. Recent advances in the corn to milk chain of the US dairy industry. Department of Animal Science Seminar. Gyeongsang National University, Jinju, Korea. October, 9, 2012. *(Invited)*.
88. **Adesogan, A. T.** 2012. Using tropical and subtropical legumes to improve animal productivity and health. Southern Pastures Forage Crop Improvement Conference, San Juan, Puerto Rico. June 6 to 8, 2012. *(Invited)*
89. Hamie, J.C., M.A. Zarate, J.J. Romero, E.N. Muniz, Y.J. Jang, K.G. Arriola, O.C. Queiroz, and A.T. **Adesogan** 2012. Reducing the parasite burden in goats with tropical legumes. Quintana Roo, Mexico. May 21-25, 2012. *(Invited)*

90. **Adesogan**, A.T. 2012. Importance of professional regulatory agencies to the economy of a nation. Nigerian Institute of Animal Science Training Conference and Induction of Fellows Ceremony. Abuja, Nigeria. April 24, 2012. *(Invited)*
91. **Adesogan**. A.T. 2012. Bacteria – Fungi wars; using bacteria to increase feed quality, food safety and animal performance. Seminar Series, Department of Agriculture, Fisheries and Forestry, Agri-Science, Queensland. Brisbane, Australia. December 12, 2012. *(Contributed)*.
92. **Adesogan**. A. T. 2011. Assessing the nutritive value of tropical forages. 34th Argentine Congress of Animal Production, Mar del Plata, Argentina. October 4 to 7, 2011. *(Invited)*
93. **Adesogan**, A.T. 2011. Bridging the gap between herbivore nutrition and forage breeding. International Workshop, Aberystwyth, Wales, UK, September, 10, 2011. *(Invited)*
94. **Adesogan**, A. T. 2011. Improving the potency and reliability of fibrolytic enzymes for enhancing tropical forage utilization by livestock. Agriculture and Agrifood. Lethbridge, Canada, Feb. 10.2011
(Invited)
95. **Adesogan**. A. T Optimizing silage quality. Animal production extension conference. Jinju, S. Korea, June 9, 2011. *(Invited)*
96. **Adesogan**. A. T Strategic ensiling of forages to improve silage quality and shelf life, and to mitigate silage pathogenicity and improve food safety. National Institute of Animal Science. Seoul, S. Korea, June 10. 2011. *(Invited)*
97. **Adesogan**, A. T. 2011. .Additives for improving ruminal function and animal performance.. 21st International Conference on meat and milk production in warm climates. Chihuahua, Mexico. September 5 to 9, 2011. *(Invited)*
98. **Adesogan**, A. T. 2011. .Strategies to improve silage quality and preservation. 21st International Conference on meat and milk production in warm climates. Chihuahua, Mexico. September 6 to 9, 2011. *(Invited)*
99. **Adesogan**, A.T. 2011. Recent advances in some aspects of modern agriculture. Bowen University, Nigeria. November 13. 2011. *(Invited)*
100. Quieroz, O. C. M., Rabaglino, M. B. and **Adesogan**, A. T. 2011. Mycotoxins in silage. Proc. International Symposium on forage quality and conservation, Sao Pedro, Brazil, Nov. 16-18.
101. **Adesogan**, A. T. 2011. Aerobic stability. Staff training meeting. CHR Hansen Inc., Milwaukee, WI. June 14, 2012. *(Invited)*
102. **Adesogan**. A. T. 2011. Novel applications for silage inoculants. Research Strategy Meeting. Lallemand Animal Nutrition, Milwaukee, WI. June 13, 2012. *(Offered)*
103. **Adesogan**, A. T. 2010. Corn silage quality in tropical climates. Proc. 5th Symposium on Strategic Management of Pasture, Viscosa, Brazil. November, 11-13, 2010. *(Invited)*
104. **Adesogan**, A. T. 2010. Fibrolytic enzymes for improving the forage quality and animal performance. Proc. International Atomic Energy Agency /Food and Agricultural Organization consultants meeting, June, 2010. Vienna, Austria. *(Invited)*
105. **Adesogan**, A. T. 2010. The imperative, benefits and challenges of optimizing forage utilization in ruminant livestock rations. Proc. Biomin World Nutrition Forum, Salzburg, Austria. October 11-14, 2010. *(Invited)*
106. **Adesogan**, A.T. 2009. Silage pathogenicity and implications on the ruminant production chain. Proc. Int. Symp. on Forage Quality and Conservation. October, 28-30. 2009. Sao Paulo, Brazil. *(Invited)*
107. **Adesogan**, A.T. 2009. Methods for pathogenic microorganism detection in silages. Four-hour Short Course for graduate students at the University of Sao Paulo, Piracicaba, USP/ ESALQ, Brazil. October 26-27. Sao Paulo, Brazil. *(Invited)*
108. **Adesogan**, A.T. 2009. Challenges of silage production in the tropics. Proc. XVth Intl. Silage Conf. July 26-28. Madison, WI. *(Invited)*
109. **Adesogan**, A.T., O.C.M. Quieroz[†], and M.F. Quieroz[†]. 2009. Homolactic inoculants for improving silage nutrient digestibility. Proc. 2009 Tri-State Dairy Nutrition Pre-Conf. Symp. titled 'Setting the next standard with Generation 2.0 microbials. April 21, 2009. Fort Wayne, IN. *(Invited)*

110. **Adesogan**, A.T. 2009. Participant and US University representative at the Rangeland Workshop of the CGIAR Water and Livelihoods Initiative. June 12-14. Amman Jordan. *(Invited)*
111. **Adesogan**, A.T. 2008. Aditivos para manipulacion de fermentacion ruminal y mejorar digestion de la fibra Curso Int. : Avances en Microbiologia Ruminal y su Relacion con la Utilizacion de Alimentos. (Using feed additives to manipulate rumen fermentation and fiber digestion. Int. Short Course titled Advances in ruminal microbiology and its relation to animal performance). October 14 -15, 2008. Universidad Nacional Agraria La Molina, Lima, Peru. *(Invited)*
112. **Adesogan**, A.T. 2008. Uso de aditivos para mejorar produccion lechera. (Using feed additives to improve milk production). XXXI Reunion Cientifica Annual de la Asociacion Peruana de Produccion Animal, (Using feed additives to improve milk production. 31st Annual Meeting of the Peruvian Assoc. of Animal Production). October 15-18, 2008. Universidad Nacional Agraria La Molina, Lima, Peru. *(Invited)*
113. **Adesogan**, A.T. 2008. Ganhos de eficiencia na conservacao de forragens e aspectos sanitarios de silagens. Invited Graduate Seminar presented at the Departmentao de Zootechnia. [Efficiency in forage conservation and hygienic aspects of silage.] June 19, 2008. University of Sao Paulo, USP/ ESALQ, Brazil. *(Invited)*
114. **Adesogan**, A.T. 2007. Improving forage quality and animal performance with exogenous fibrolytic enzymes. Invited Graduate Seminar presented at the Swedish University of Agricultural Sciences (SLU). November 7, 2007. Umea, Sweden. *(Invited)*
115. Arriola[†], K.G., and **Adesogan**, A.T. 2006. Efecto de la madurez a la cosecha en los valores nutritivos, y otras características del ensilado hecho de híbridos de maíz con rangos contrastantes de staygreen. Proc. Florida Int. Agriculture Conf. Trade Show. May 8, 2006. Ocala, FL. *(Invited)*
116. Huisden[†], C.M., **Adesogan**, A.T., and Szabo, N.J. 2008. Effect of sonication and two solvent extraction methods on the L-Dopa content and nutritional value of Mucuna pruriens. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p. 129-137. *(Contributed)*
117. Huisden[†], C.M., **Adesogan**, A.T., and Szabo N.J. 2008. Mucuna pruriens detoxification through ensiling. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p 117-128. *(Contributed)*
118. Huisden[†], C.M., **Adesogan**, A.T., Butterweck, V., Szabo N.J., Gaskin, J.M., Raji, A., Yongning, L., and Maxwell, E. 2008. Behavioral, performance, and physiological effects on rats fed detoxified Mucuna pruriens. Proc. Caribbean Food Crops Soc. 44th Annual Mtg. p.138-146. *(Contributed)*

Regional: Total = 26

1. **Adesogan**, A. T. 2014. Harvesting and ensiling quality corn silage on a small scale. Proceedings of the 10th Mid Atlantic Grazing Dairy Conference. Nov. 12-13, Moultrie, GA. *(Invited)*
2. **Adesogan**, A. T. 2014. Dry matter losses, density and porosity of silage. Georgia Milk Production Conference, Meet the Professor session, Jan 21-22, Savannah, GA *(Invited)*
3. **Adesogan**, A. T. 2014. Traditional and new methods for measuring silage density. Georgia Milk Production Conference, Jan 21-22, Savannah, GA *(Invited)*
4. **Adesogan**, A. T. 2014. Traditional and new methods for measuring silage moisture. Georgia Milk Production Conference, Jan 21-22, Savannah, GA *(Invited)*
5. **Adesogan**, A. T. 2014. What to do when silage harvesting is delayed. Georgia Milk Production Conference, Jan 21-22, Savannah, GA *(Invited)*
6. **Adesogan** A.T. 2011. Additives and inoculants for improving the preservation of corn silage and round bale grass haylage, Producer Meeting. Quitman, GA.
7. **Adesogan** A.T. 2011. Inoculants for improving the preservation of corn and bermudagrass forages. Proc. Corn Silage Field Day, Tifton, GA, May, 2011.
8. Arriola, K., O., Quieroz, E. Muniz, J. Romero, M. Zarate, J. Hamie and **Adesogan**, A.T. 2011. Reducing DM and nutrient losses in high moisture forages. Proc. Corn Silage Field Day, Tifton GA, FL, May, 2011.
9. **Adesogan**, A.T. 2010. Preventing field and storage mycotoxin problems in silages. Proc. Corn Silage Field Day, Citra, FL, May, 2010. *(Invited)*

10. **Adesogan**, A.T. 2009. New silage hybrids for dairy production. Proc. Southeast Dairy Management Conf. November, 2009. Macon, Georgia. *(Invited)*
11. **Adesogan**, A.T. 2009. Effect of rust and other pathogens on forage quality. Proc. Corn Silage and Forage Field Day. University of Georgia, Tifton, June, 2009. *(Invited)*
12. **Adesogan**, A.T. 2009. Using dietary additives to manipulate rumen fermentation and improve nutrient utilization and animal performance. Proc. 20th Annual Florida Ruminant Nutrition Symp. Gainesville, Florida. February, 2009. *(Invited)*
13. Foster[†], J.L., **Adesogan**, A.T., Myer, R.O., Carter, J.N., and Blount, A.R. 2008. Evaluation of Warm Season Legume Forages for Livestock: I. Hay. Proc. Am. Peanut Res. Ed. Soc. v. 40 (available at www.apresinc.com/proceedings.html) *(Contributed)*
14. Foster[†], J.L., **Adesogan**, A.T., Myer, R.O., Carter, J.N., and Blount, A.R. 2008. Evaluation of WarmSeason Legume Forages for Livestock: II. Haylage. Proc. Am. Peanut Res. Ed. Soc. v. 40 (available at www.apresinc.com/proceedings.html) *(Contributed)*
15. **Adesogan**, A.T. 2008. Recent advances in silage inoculant technology. Proc. 19th Annual Florida Ruminant Nutrition Symp., Gainesville, Florida, February, 2008. *(Invited)*
16. Foster[†], J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. Improving animal performance with warm-season legumes. Proc. 2008 Florida Corn Silage and Conserved Forage Field Day. Citra, Florida, May, 2008. *(Invited)*
17. **Adesogan**, A.T., Kim^{*}, S.C., Arriola[†], K.G., Dean[†], D.B., and Staples, C.R. 2007. Strategic addition of dietary fibrolytic enzymes for improved performance of lactating dairy cows. Proc. 18th Annual Florida Ruminant Nutrition Symp., Gainesville, Florida, January, 2007, pp. 92-110. *(Invited)*
18. **Adesogan**, A.T. 2007. International experiences and opportunities for students in agriculture. Proc. Region II Workshop of Minorities in Agriculture, Natural Resources and Related Sciences Conf., October 26-27, 2007. Gainesville, FL. *(Invited)*
19. **Adesogan**, A.T., Staples, C.R., and Wasdin, J. 2007. Summer annual forage quality: Florida corn & sorghum hybrid test results. Proc. 2007 Corn silage and conserved forage field day. Tifton, GA. *(Invited)*
20. **Adesogan**, A.T. 2006. Factors affecting corn silage quality in hot, humid climates. Proc. 17th Annual Florida Ruminant Nutrition Symp., Gainesville, Florida, January, 2006. pp. 108-119. *(Invited)*
21. Wasdin, J., Staples, C.R., and **Adesogan**, A.T. 2006. Silage hybrid performance trial results in 2005. <http://www.animal.ufl.edu/Dairy/corn%20silage%20field%20day/2006/2006%20CORN%20SILAGE%20HYBRID%20PERFORMANCE.pdf>. *(Invited)*
22. **Adesogan**, A.T. 2005. Optimizing silage quality for dairy cattle. Proc. Southeast Dairy Management Conf. November, 2005. Macon, Georgia. *(Invited)*
23. **Adesogan**, A.T. 2005. Exogenous fibrolytic enzymes for enhancing forage quality and animal performance. Proc. Sigma Xi Seminar Series. April, 2005. UGA, Tifton, Georgia. *(Invited)*
24. Wasdin, J., C. Chambliss, **Adesogan**, A.T and C.R. Staples. 2005. Silage hybrid performance trial results in 2004. [http://www.animal.ufl.edu/dairy/corn silage field day/cornsilageFD.shtml](http://www.animal.ufl.edu/dairy/corn%20silage%20field%20day/cornsilageFD.shtml). *(Invited)*
25. **Adesogan**, A.T. 2005. Improving forage quality and animal performance with fibrolytic enzymes. Proc. 16th Annual Florida Ruminant Nutrition Symp., Gainesville, Florida, January, 2005. Pp. 91-109. *(Invited)*
26. **Adesogan**, A.T. 2005. Factors affecting the quality of corn silage in Florida. Proc. Corn Silage Field Day, Citra, FL, May, 2005. *(Invited)*

State: Total = 17

1. **Adesogan**. A. T. 2018. The importance of using animal-source foods to diversify the diets of the poor in the developing world. Institute for Learning in Retirement. Oak Hammock, University of Florida. January 8, 2018.

2. **Adesogan**, A. T. 2017. The imperative to increase animal-source food (ASF) consumption. Global Nutrition Symposium. Feed the Future Innovation Lab for Livestock Systems. University of Florida, March, 2017.
3. **Adesogan**, A.T. 2016. Four invited presentations on the mandate, approach, grants and funded projects of Feed the Future Innovation Lab for Livestock Systems were given to the following organizations:
 - a. Florida Cattlemen's Association Executive Board, Lakeland, FL
 - b. UF Vice Presidents for Research and for Finance, Division of Sponsored Programs, and Contracts and Grants.
 - c. UF/IFAS Deans, Gainesville FL,
 - d. UF/IFAS Forage Workers Tour, Ona, FL
4. **Adesogan**, A.T. 2016. Around the world with the globetrotting professor. Presentation for the University of Florida Division of Enrolment Management. November 2016.
5. **Adesogan**, A.T. 2016. Challenges of livestock production value chains in some developing countries. Seminar, Department of Animal Sciences, University of Florida, Gainesville, FL, 7 Jan, 2016.
6. **Adesogan**, A. T. 2014. Silage chopping, storing and feeding. Mycogen North Florida Silage meeting. December, 2014. *(Invited)*
7. **Adesogan**, A. T. 2014. Careers in the Animal Sciences. Florida A & M University, Tallahassee, November 2014. *(Invited)*
8. **Adesogan**, A. T. 2014. Avoiding the two greatest silage problems. Dairy Production Conference. April, 2014, Gainesville FL. *(Invited)*
9. **Adesogan**, A.T. 2012. Careers in the beef cattle industry. Santa Fe High School. Alachua FL. January, 2012. *(Invited)*
10. **Adesogan**, A.T. 2012. Research update. Forage Workers Meeting. Okeechobee, FL. August, 2012. *(Invited)*
11. **Adesogan**, A.T. 2010. Making quality haylage. Proc. North Florida Research and Education Center. Marianna, FL, March 24, 2010. *(Invited)*
12. **Adesogan**, A.T., Queiroz, O.C.M., Kim*, S.C. 2008. Effect of rust infestation on corn silage quality. Proc. 45th Florida Dairy Production Conf., Gainesville, FL, April 29, 2008. *(Invited)*
13. Foster[†] J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. North Florida warm-season legume research update. Florida Forage Workers Mtg. and Tour. Ocala, FL, Sept. 23, 2008. *(Invited)*
14. Foster[†] J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. Summer forage grazing systems in north Florida. Southern University's Agricultural Leadership Group. Florida A&M Univ. and Univ. of Florida. Marianna, FL, Jul. 24, 2008. *(Invited)*
15. Foster[†] J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. Perennial and annual peanut for cow-calf systems. Perennial Peanut Field Day. North Florida Research and Education Center. Marianna, FL, Sept. 18, 2008. *(Invited)*
16. Foster[†] J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. Warmseason legumes for cow-calf production. Beef Cattle and Forage Field Day. North Florida Research and Education Center. Marianna, FL, Aug. 28, 2008. *(Invited)*
17. Foster[†] J.L., Carter, J.N., and **Adesogan**, A.T., Sollenberger, L.E., Myer, R. Blount, A. 2008. Legumes for hay or creep grazing to improve livestock production in Florida. Beef Cattle Field Day. North Florida Research and Education Center, Marianna, FL, Aug. 2005. *(Invited)*
18. **Adesogan**, A.T., Queiroz[†] O.C.M., Kim*, S.C. 2008. Effect of rust infestation on corn silage quality. Proc. 45th Florida Dairy Production Conf., Gainesville, FL, April 29, 2008. *(Invited)*
19. **Adesogan**, A.T. 2007. Management considerations for optimizing stored forage quality. In: Matching forage resources to animal requirements. Proc. 2007 Extension Symp., Gainesville, FL. May, 2007. *(Invited)*