

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

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 neutraceuticals to improve the health and performance of ruminant livestock.

HONORS, AWARDS AND RECOGNITIONS

Honors

- Chair, Council of Feed the Future Innovation Lab Directors (2018)
- 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

- 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 2011).

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 date.**

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 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
19-20	179,479	<i>Chr. Hansen: The effects of probiotics on early lactation dairy cows</i>	Co-PI, 1 of 3
19-20	39,023	<i>Chr. Hansen: Evaluating the effects of probiotic using in-vitro approach</i>	Co-PI, 1 of 3
17-19	126,000	<i>Danisco Animal Nutrition: To determine impact of enzymes on ruminal in vitro digestibility of dent corn grain</i>	Co-PI, 1 of 3
17-19	78,162	<i>Lallemand Animal Nutrition: The effects of novel microbial additives on fermentation of corn and sorghum silage</i>	Co-PI, 1 of 3
17-22	28,742,893	<i>Bill and Melinda Gates Foundation: Strengthening smallholder livestock systems for the future (EQUIP)</i>	PI
17-18	86,849	<i>Global Good: Examining the market for mycotoxin binders in African countries</i>	PI
17-20	239,310	<i>CJ CHEILJEDANG CORP, S. Korea: Rumen-protected amino acids and lactation performance in dairy cows</i>	Co-PI, 1 of 4
17-20	2,500,000	<i>USAID: Feed the Future Associate Award²; Peste des Petits Ruminant Vaccine</i>	PI
17-21	467,500	<i>USDA: Effects of bismuth subsalicylate and nitrate supplementation on beef production efficiency and environmental impact</i>	Co-PI, 1 of 4
16-17	71,438	<i>Dupont Danisco: To determine the impact of enzymes on ruminal in vitro digestibility of dent corn starch</i>	Co-PI, 1 of 3
15-20	1249,569,507	<i>USAID: Feed the future Innovation Lab for Livestock Systems¹</i>	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 <i>Saccharomyces cerevisiae</i> 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</i>	Co-PI, 1 of 4

		composition and the survival of pathogens in the rumen in context with their probiotic effects on ruminants	
14-15	49,114	<i>Lallemand Animal Nutrition, France.</i> Examination of the aflatoxin-binding capacity of silage bacteria	PI
14-15	11,500	<i>Disney Animal Kingdom.</i> Evaluation of Pelleted Diets for Grazing Ruminants	Co-PI, 1 of 4
14-15	33,400	<i>Various seed company sponsors.</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions. Corn Silage and Conserved Forage Field Day registrations.	Co-PI, 1 of 5
14-15	17,000	<i>Various seed company sponsors.</i> Identifying corn silage hybrids with optimal nutritional traits over a wide harvest window for dairy production	PI
14-15	41,862	<i>Various company sponsors. Florida Ruminant Nutrition Symposium.</i> Discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
13-14	42,406	<i>Pioneer, a Dupont Company:</i> The effect of a microbial feed additive on the ruminal pH and performance of dairy cattle	PI
13-14	33,262	<i>SE Milk Check off:</i> Identifying corn silage hybrids with optimal nutritional traits over a wide harvest window for dairy production	PI
13-14	124,804	<i>Diamond V:</i> Reducing transmission of dietary mycotoxins into milk with sequestering agents	PI
13-14	169,928	<i>Addisseo, France:</i> Validation of the efficacy of fibrolytic enzymes in lactating dairy cows	PI
13-14	27,878	<i>Danisco, United Kingdom :</i> Effects of pre-incubation with enzymes on the fermentation characteristics of fibrous feed ingredients for ruminants using an in-vitro model system	PI
13-14	16,800	<i>Various seed company sponsors.</i> Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI, 1 of 4
13-14	39,955	<i>Various company sponsors. Florida Ruminant Nutrition Symposium.</i> Discusses current hot topics relevant to the dairy and beef industries in the southeastern U.S.	Co-PI, 1 of 3
13-14	10,000	<i>IFAS Dean for Research Office:</i> Fostering collaborative linkages with Florida A&M University	Co-PI, 1 of 4
13-14	10,000	<i>College of Veterinary Medicine:</i> Understanding parasitic disease transmission and control strategies	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:</i> Improvement of Instruction	PI
02 - 03	11,000	<i>Florida Milk Check-Off:</i> Improving forage quality with fiber enzymes	PI
02 - 06	124,058	<i>USDA CSREES T-STAR:</i> Improving forage quality and livestock productivity with fibrolytic enzymes	PI
02 - 04	56,700	<i>USDA CSREES T-STAR:</i> Assessing digestibility of cell wall crude protein in tropically grown forages for improved livestock production	Co-PI, 1 of 2
02 - 03	6,000	<i>Florida Milk Check-Off:</i> Improving forage quality with fiber enzymes	PI
02 - 03	1,000	<i>Ministry of Agriculture, Jamaica:</i> Training in analytical techniques	Co- PI 1 of 3
00 - 01	5,194	<i>Lallemand S. A., France:</i> The effect of novel inoculants on fermentation of crimped wheat grains	Co-PI, 1 of 2
00 - 01	1,592	<i>Biotal, UK:</i> The effect of Lactobacillus-based inoculants on wheat silage fermentation.	Co-PI 1 of 2
00 - 01	636	<i>Akzo-Nobel, UK:</i> Effect of essential oils on forage digestion in sheep	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 (for \$49,569,507 which includes a leader award of \$19,000,000 as well as an associate award and buy in ceiling of up to \$30,000,000 that could be earned.

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

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. Donghyeon Kim, 2015 to date.
2. Kathy Arriola, 2010 to date.
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. Dr. Yanlin Xue, Inner Mongolia Academy of Agriculture & Animal Husbandry Science, Hohhot, China, November 2017 to October 2018
2. Mr. Ludwing Leyton Associate Professor, University of El Salvador, October, 2017
3. Mr. Milton Flores, Associate Professor, University of El Salvador, November to December, 2017
4. Dr. Sam-Churl Kim, Associate Professor, Gyeongsang National University, Sept. 2016 to August 2017
5. 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 Piauí, 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 A. 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
	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		2019

	Andres Pech Cervantes (Mexico)	Increasing fiber utilization by dairy cows with fibrolytic enzymes and expansin-like proteins	Animal Sciences UF	2018
	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
Chair, 10 Ph.D. committees	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 Mucuna pruriens. <i>(Now an Assistant Professor, University of Suriname)</i>	Animal Sciences UF	2008
	Susan Chikagwa-Malunga (Malawi)	Nutritive value of Mucuna pruriens 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
Co-Chair, 6 Ph.D. committees	Jamie Foster (USA)	Improving the productivity of livestock with warm season legumes. <i>(Now an Associate Professor, Texas A and M University)</i>	Animal Sciences UF	2008
	Lucia Holtshausen (S. Africa)	Ruminal fermentation of non-structural carbohydrates <i>(Now a Research Scientist, Agriculture & Agrifood Canada)</i>	Animal Sciences UF	2004
	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	2004
	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	2004

	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	2000
Chair, 8 Masters Committeees	Emmanuel Duvalsaint (Haiti)	To be confirmed	Animal Sciences, UF	2019
	Yun Jiang (China)	The effect of commercial and novel feed additives on the performance of dairy cows	Animal Sciences, UF	2015
	Zhengxin Ma (China)	Development of novel mycotoxin sequestering agents with anaerobic bacteria (<i>Now a Ph.D student at UF</i>)	Animal Sciences UF	2014
	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
	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
	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
	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
	Lindsey Naimoli (USA)	M.S. Non-thesis student. Transferred to Vet. School before completion (<i>Now a veterinarian</i>)	Animal Sciences UF	Incom- plete
	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
Co-chair 2 Foreign Masters Committeees	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.	RR lyrae variables in the Andromeda group galaxies	Astronomy UF	2010

	Korea)			
	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)	Agron-omy 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	Animal Sciences UF	2002
		dairy cows		
	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
	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).**

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

4. Ms. Xujiao Li, Ph.D. student. China Agricultural University (December 2015 to December 2016). 5. Ms. Anapaula Mayer Camacho, National University Daniel Alcides Carrióna, Barrio Miraflores, Oxapampa, Peru
B.S. Student, Peru, (December 2015 to December 2016).
6. Ms. Josimari 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 Limón, 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, 20072008.
- 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, 19961997.
- General Secretary, University of Wales, Aberystwyth Agricultural Society, 1995 – 1997.
- Press Secretary, University of Wales, Aberystwyth Agricultural Society, 1996 – 1997.

PUBLICATIONS: Total = 437

* 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, Edite``````d: Total = 3

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 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
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 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.
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 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.
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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.
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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.
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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.
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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.
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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 Elsalvador, 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. Seol, 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., 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.
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67. **Adesogan**, A. T. 2010. Fibrolytic enzymes for improving the forage quality and animal performance. Proc. IAEA/FAO consultants meeting, June, 2010. Vienna, Austria.
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69. **Adesogan**_A.T. 2010. Preventing field and storage mycotoxin problems in silages. Proc. Corn Silage Field Day, Citra, FL, May, 2010.

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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 Paolo, 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 consumo voluntario y la digestibilidad de gramíneas tropicales con la utilización de enzimas fibrolíticas. Productores de Forraje 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.
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<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.
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 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.
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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/AG322>.
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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>
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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 Quieroz[†] 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.
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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., Hendrickx, 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., Hendrickx, 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 Biotol Buchneri™ 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 Biotol 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 = 125

1. Adesogan A. T. 2018. Feed the Future Innovation Labs. American Farm Bureau Federation Convention, New Orleans, LA, Jan 13, 2019.
2. 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.
3. 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.
4. 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.
5. 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.
6. Adesogan. A. T. 2018. Nutrient density in animal products. IFAS Sub-Saharan Africa Nutrition Workshop. University of Florida. April 26, 2018
7. 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
8. 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
9. 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
10. Y. Jiang and A. T. Adesogan. 2018. How silage inoculants reduce dry matter losses and increase milk production. May 28. Lavras, Brazil
11. Adesogan, A. T. 2018. Technology for improving fiber utilization. American Dairy Science Association Annual Meeting. June 26. 2018. Knoxville Tennessee
12. 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

13. **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
14. **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.
15. **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.
16. **Adesogan**, A. T. 2018. Conducting excellent research for publication in high impact journals. September 2018. Royal University of Agriculture, Cambodia
17. **Adesogan**, A. T. 2018. Principles of writing successful grant applications, September 2018. Royal University of Agriculture, Cambodia
18. **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. Dakar, Senegal.
19. **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
20. Hendrickx, S. C. J. and Ade **Adesogan** A. T.sogan. 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
21. **Adesogan**, A. T. 2018. How silage inoculants reduce dry matter losses and increase milk production. October, 2018. China Agricultural University, Beijing, China.
22. **Adesogan**, A. T. 2018. How silage inoculants reduce dry matter losses and increase milk production. October, 2018. Langzhou University, Langzhou, China.
23. 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
24. Hendrickx, S. C. J. and **Adesogan**. 2018. Careers in animal science; a noble profession. October 25, 2018. Department of Animal Sciences, University of Florida
25. **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.
26. **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.
27. **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
28. **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*)
29. **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*)
30. **Adesogan**. A. T. 2017. Principles of writing successful grant applications. Presented to the Agriculture and Forestry University Chitwan. November 29 2017(*Offered*)
31. **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*)

32. 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*)
33. **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, Makere 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.
34. **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*)
35. **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*)
36. 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*)
37. 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*)
38. **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*)
39. **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*)
40. **Adesogan. A. T. 2016.** Recent developments in the maize to milk chain. University of Elsalvador, El Salvador. August 11, 2016. (*Invited*)
41. 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*)
42. **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*)

43. Staples, C. R. and A. T. **Adesogan**. 2016. Mycotoxins' economic impact versus preventive measures. DIGAL 2016. Delicias, Chihuahua, Mexico, September 7 to 9. (*Invited*)
44. 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*)
45. **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*)
46. **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*)
47. **Adesogan**. A. T. 2016. Partnership with the International Livestock Research Institute. Board for International Agriculture Development (BIFAD) Public Meeting. Washington DC. March 10. (*Invited*)
48. **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
49. **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*)
50. **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*)
51. **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*)
52. **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*)
53. **Adesogan**, A. T. 2015. Using additives to increase the shelf life, quality and safety of ensiled feeds. Shenyang Agriculture University, Shenyang, China (*Invited*)

54. **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*)
55. **Adesogan**, A. T. 2015. Strategies to reduce silage spoilage to enhance the efficiency of dairy production. Ensenada, Baja California, Mexico. October 2, 2015. (*Invited*)
56. **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*)
57. **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*)
58. **Adesogan**, A. T. 2013. Recent advances in agriculture along the maize to milk chain. Federal University Wukari, Taraba State, Nigeria, December 13 (*Invited*)
59. **Adesogan**, A. T. 2013. Coming to the US for graduate studies. Federal University Wukari, Taraba State, Nigeria, December 13 (*Invited*)
60. **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*).
61. **Adesogan**, A. T. 2013. Strategic use of fibrolytic enzymes to increase animal performance. Departmental Seminar. Nanjing Agricultural University, Nanjing China, November 7, 2013. (*Invited*).
62. **Adesogan**, A. T. 2013. Using plant bioactive compounds to improve animal nutrition and health. Departmental Seminar. Zhejiang University, Hangzhou, China, November 6, 2013. (*Invited*).
63. **Adesogan**, A. T. 2013. Improving forage quality and animal performance with fibrolytic enzymes. Departmental Seminar. Zhejiang University, Hangzhou, China, November 5, 2013. (*Invited*).
64. **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*).
65. **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*)
66. **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*)
67. **Adesogan**, A. T 2013. Tropical forage challenges. Quality optimization strategies for dairy production. Leche Dairy Farmers Meeting, Sonsonate, El Salvador, February 28, 2013. (*Invited*)
68. **Adesogan**, A. T 2013. Additives for improving ruminal function and animal performance. Departmental Seminar. University of El Salvador, San Salvador. February 25, 2013. (*Invited*)
69. 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*)
70. **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*)
71. **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*).
72. **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*)
73. 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*)

74. **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*)
75. **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*).
76. **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*)
77. **Adesogan**, A.T. 2011. Bridging the gap between herbivore nutrition and forage breeding. International Workshop, Aberystwyth, Wales, UK, September, 10, 2011. (*Invited*)
78. **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*)
79. **Adesogan**. A. T Optimizing silage quality. Animal production extension conference. Jinju, S. Korea, June 9, 2011. (*Invited*)
80. **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*)
81. **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*)
82. **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*)
83. **Adesogan**, A.T. 2011. Recent advances in some aspects of modern agriculture. Bowen University, Nigeria. November 13. 2011. (*Invited*)
84. 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.
85. **Adesogan**, A. T. 2011. Aerobic stability. Staff training meeting. CHR Hansen Inc., Milwaukee, WI. June 14, 2012. (*Invited*)
86. **Adesogan**. A. T. 2011. Novel applications for silage inoculants. Research Strategy Meeting. Lallemand Animal Nutrition, Milwaukee, WI. June 13, 2012. (*Offered*)
87. **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*)
88. **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*)
89. **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*)
90. **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*)
91. **Adesogan**, A.T. 2009. Methods for pathogenic microorganism detection in silages. Four-hour Short Course for graduate students at the University of Sao Paolo, Piracicaba, USP/ ESALQ, Brazil. October 26-27. Sao Paulo, Brazil. (*Invited*)
92. **Adesogan**, A.T. 2009. Challenges of silage production in the tropics. Proc. XVth Intl. Silage Conf. July 26-28. Madison, WI. (*Invited*)
93. **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*)

94. **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*)
95. **Adesogan**, A.T. 2008. Additivos para manipulacion de fermentacion ruminal y mejorar digestion de la fibra. Curso Int. : Avacnes 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*)
96. **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*)
97. **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 Paolo, USP/ ESALQ, Brazil. (*Invited*)
98. **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*)
99. Arriola[†], K.G., and **Adesogan**, A.T. 2006. Efecto de la madurez a la cosecha en los valores nutritivos, y otras caracteristicas del ensilado hecho de hibridos de maiz con rangos contrastantes de staygreen. Proc. Florida Int. Agriculture Conf. Trade Show. May 8, 2006. Ocala, FL. (*Invited*)
100. 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*)
101. 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*)
102. 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%20SILA%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>. (*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*)