

GRANTS AND CONTRACTS RECEIVED

Career total \$7,653,939

Grant funding details

Period	Amount (\$)	Funding Agency & Proposal Title	Role
14-15	320,000	<i>Israel – USA Binational Agricultural Research & Development Fund</i> The effect of selected lactic acid bacteria on the microbial composition and on the survival of pathogens in the rumen in context with their probiotic effects on ruminants	Co-PI, 1 of 4
14-15	250,000	<i>USAID</i> Understanding parasitic disease transmission and control strategies to improve animal and human health under different environmental conditions in Senegal	Co-PI, 1 of 8
14-15	49, 114	<i>Lallemand Animal Nutrition, France.</i> Examination of the aflatoxin-binding capacity of silage bacteria	PI
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>Addiseo, France:</i> Validation of the efficacy of fibrolytic enzymes	PI
13-14	27,878	Danisco, United Kingdom : Effects of pre-incubation with enzymes on the fermentation characteristics of fibrous feed ingredients for ruminants using an in-vitro model system	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	Food and Agricultural Organization of the United Nations. 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.	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 30
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.</i> The Malawi Initiative for Long-term Training and Capacity	Co-PI, 1 of

		Building	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 bional 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	Co-PI,

		warm-season grass haylage.	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 2
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 4
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	PI

		varieties for silage production	
04 - 05	15,680	12 seed companies: Evaluation of silage hybrids for yield and quality under Florida growing conditions.	Co-PI 1 of 4
04 - 05	8,750	25 companies: 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	12 seed companies: 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 Biotol 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>Biotol, 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</i> : The effect of a yeast culture on the efficiency of feed utilization in lambs.	PI
97 - 00	3,289,200	<i>Milk Development Council, UK</i> : The nutritional value and milk production potential of alternative forages	Co-PI 1 of 4
96 - 97	7,627	<i>University of Wales, Aberystwyth College Research Fund</i> : Evaluating the nutritional value of novel tropical plants	PI

TOTAL	7,073,939		
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