

NORTH WEST CAMELID FOUNDATION RESEARCH INVESTMENT HISTORY

Year	Study	Herd	Entity	Study	
1987	\$1,000		OSU	Unrestricted	
1988	\$700		OSU	Dr. Leone Thesis-Hormonal Changes	
1989	\$10,000		OSU	Use of HCG & effect on various llama functions	
	\$2,000		OSU	Vitamin/mineral ILA project	
1990		\$8,500	OSU	Herd maintenance	
	\$8,100		OSU	Uterine Torsion	
1991	\$8,600		OSU	Herd health, reproductive physiology, hematology, 3rd compartment ulcers	
	\$8,000		OSU	Investigste uterine torsion, molar abscesses, long bone fractures, anathesia	
1992	\$16,000		OSU	Comparative analysis o f Pharmakokinetics of 5 drug classes	
		\$6,332	OSU	Herd maintenance	
	\$6,000		MAF/OSU	Chonal Atresia in the Llama: Heritability & Identification of Carriers	92-LA5
1993		\$8,000	OSU	Herd maintenance	
	\$6,670		OSU	Potential role of Vitamin D Deficiency in hypophosphatemic-rickets	93-003
	\$2,750		OSU	Use of Serum Estrone Sulfate Concentration for Pregnancy Diagnosis	93-002
	\$2,580		OSU	Viral Diseases of Llamas	93-005
1994		\$6,000	OSU	Herd maintenance	94-004
	\$1,000		OSU	Liver vasculature function	94-005
	\$1,500		OSU	Comparative Antibiotics	94-003
	\$3,600		OSU	Bile Acids	94-001
	\$6,000		MAF/OSU	Chonal Atresia in the Llama: Heritability & Identification of Carriers	92-LA5
1995	\$4,983		OSU	Seasonality of CA, PH and Vitamin D	95-006
		\$5,460	OSU	Herd maintenance	95-002
	\$3,055		OSU	Tooth Anatomy	95-005
	\$2,000		MAF	Unrestricted	
	\$3,134		OSU	Vitamin D Supplementation Dosage	95-004
1996		\$3,100	OSU	Herd maintenance	
	\$3,200		OSU	Vascular Anatomy of Mandibular Teeth	96-007
	\$4,956		OSU	Vitamin D Toxicity	96-008
	\$6,769		MAF/OSU	Comparative Antibiotic Metabolism in the Llama	96LA-04
	\$5,840		MAF/OSU	Medical Management of Third Compartment Ulcers in the Llama	96LA-05
	\$3,377		MAF/OSU	Use of Fecal Steroids for Pregnancy Diagnosis in the Llama	96LA-06
1997		\$9,550	OSU	Herd maintenance	
	\$5,760		MAF/OSU	Investigation of Hepatic Liposis in Llamas	97-LA06
	\$5,707		MAF/OSU	Seasonal Interaction of Vitam D and Bone Density in the Lama	97-LA07
	\$10,200		MAF/OSU	Characterization of Uterine Bacterial Populations & Antibiotic sensitivity	97-LA08
	\$9,300		MAF/OSU	Oral Vitamin D Supplementation in Llamas for prevention of Rickets	97-LA09
	\$5,707		OSU	Embronic Mortality in Llamas	97-003
	\$8,740		OSU	Bone density & Viatmin D levels in llamas with long bone fractures	97-004
1998	\$1,240		OSU	Ultrasonic Appearance of Gastrointestinal Organs	98-002
	\$5,250		OSU	Causes of Cria Diarrhea	98-003
1999		\$8,500	OSU	Herd maintenance	99-004
	\$3,009		OSU	Effects of Feed Restrictions on Insulin	99-008
	\$2,150		OSU	Role of Bile Acids in Ulcers	99-001
	\$5,778		OSU	Geriatric Females-A Baseline Study	99-006
	\$4,350		OSU	Radiographic Study of Cheek Teeth	99-005
2000		\$5,995	OSU	Herd maintenance	00-004
	\$9,642		OSU	Insulin Secretion and Glucose Clearance	00-002
2001		\$8,330	OSU	Herd maintenance	
	\$7,932		OSU	Feed Restriction of Glucose Clearance	01-003
	\$12,420		OSU	Further Investigation-Hepatic Lipidosis	01-005
2002		\$4,000	OSU	Herd maintenance	
	\$473		OSU	SW Washington Post Mortem Blood Work	
	\$6,565		OSU	Efficacy of Florfenicol in Clearing M. Haemolamae	02-001
	\$3,600		OSU	West Nile Virus Vaccination & Seroconversion	02-003
2003	\$7,515		MAF/OSU	Glucose Tolerance, Insulin Sensitivity in Crias	D03LA-11
		\$2,800	OSU	Herd maintenance	

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2004	\$1,500		OSU	Anatomic Communication of Carpus, Tarsus, etc	04-001
	\$2,250		OSU	Ex Copula Semen Collection & Cryopreservation	04-002
	\$10,942		OSU	Efficacy of Enrofloxacin in Clearing M. Haemolamae	04-005
2005		\$5,000	OSU	Herd maintenance	
	\$17,439		OSU	Comparison of Fecal Sample Detection Techniques	05-001
	\$7,878		OSU	Analysis of Peritoneal Fluid	05-002
	\$7,500		OSU	Analysis of Pastern Breakdown	05-003
	\$1,530		OSU	Breaking Pressures in Intestine Closures	05-004
2006		\$5,000	OSU	Herd maintenance	
	\$7,803		OSU	Suspensory Apparatus Breakdown in Llamas (Part 1)	06-001
	\$7,572		OSU	Suspensory Apparatus Laxity in Juvenile Llamas (Part 2)	06-002
	\$3,825		OSU	Immune Response to M. Haemolamae	06-003
	\$2,500		OSU	Ultrasonography of Testicular Blood Flow	06-004
	\$7,650		OSU	Response to Human Granulocyte by White Blood Cells	06-005
	\$3,000		MAF/OSU	Method to Assess Insulin Sensitivity	DO6LA-302
2007		\$5,000	OSU	Herd Maintenance	
	\$6,574		OSU	ELISA Test for Early Detection of E. Mac	07-001
	\$5,355		OSU	Use of Artemisin to Treat M. Haemolamae	07-002
	\$7,195		OSU	Effect of Hetastarch Supplements	07-003
	\$3,000		MAF/OSU	Arginine Stimulation Testing in Healthy & Sick Camelids	DO7LA-006
2008		\$5,000	OSU	Herd maintenance	
	\$4,710		MAF/OSU	Effects of Plasma & Hetastarch on Colloid Osmotic Pressure of Alpacas	DO8LA-302
	\$5,142		OSU*	Pharmacokinetics of ceftiofur crystalline free acid (EXCEDE) in llamas	08-002
	\$5,060		OSU	Epidemiologic Investigation of M. Haemolamae	08-003
2009		\$5,000	OSU	Herd maintenance	
	\$3,456		OSU	Retrospective Analysis of Anemia	09-002 FO6460
	\$12,862		OSU	Protocol and Tomography Evaluation of Abdomen	09-004
	\$ (2,043)		OSU	Refund \$942.93 cost under budget \$1,100 contract balance cancelled	09-004
	\$17,500		OSU	Suspensory Apparatus Breakdown: Serum Mineral Levels/Assays	09-005
2010	\$6,406		OSU	Blood Glucagon Peptide-1 Concentrations	10-001
	\$3,240		OSU	Development of Real-time PCR Assay for Diarrhea	10-003
		\$5,000	OSU	Herd maintenance	
	\$6,900		OSU	Glucagon Like Peptide-1 Dosing	10-004
2011	\$5,000		OSU	Herd maintenance	
	\$6,050		WSU	Alkaline Phosphate Concentration in Alpaca Seminal Fluid	11-003
	\$14,580		OSU	Evaluation of Complex Cardiac Abnormalities using CT	11-004/F7190
	\$1,750		OSU	Abortions & Stillbirths & Contribution of Placental Insufficiency	11-005
	\$3,825		OSU	Pathology& pathogenesis of Megaesophagus in Alpacas and Llamas	11-006
2012		\$5,000	OSU	Herd Maintenance	
	\$8,600		OSU	Pharmacokinetics of subcutaneous gamithromycin in alpacas	12-002
	\$5,000		OSU	Effects of mother's milk on glucose tolerance in crias	12-003
2013		\$5,000	OSU	Herd Maintenance	
	\$3,600		OSU	GLDH as an indicator of hepatic disease	13-002
	\$16,823		OSU	Survival of Eimeria oocysts under different environmental conditions	13-003
	\$ (16,823)		OSU	Cancelled Insufficient samples	13-003
2014	\$6,420		OSU	Evaluation of Platelet rich plasma processing methods	14-001
2015		\$5,000	OSU	Herd Maintenance	
2016		\$5,000	OSU	Herd Maintenance	
	\$13,281		OSU	Pharmakokinetics & Safety of oral Gabapentin Adm in Camelids	16-001
2017		\$5,000	OSU	Herd Maintenance	17-001
	\$11,900		OSU	Effects of GLP-1 receptor agonist on glucose & insulin metabolism	17-002
	\$5,000		OSU	Effects of hyperglycemia in camelids	17-003
2018		\$2,500	OSU	Herd Maintenance	18-001
		\$2,500	WSU	Herd Maintenance	
	\$7,275		WSU	Establish reference value of Anti-Mullerian plasma re ovarian functions	18-002
	\$6,630		OSU	Injectible Anesthesia in Llamas and Alpacas	18-003/19-001
2022	\$ (6,630)		OSU	Staff departures cannot complete refund Covid-19	18-003/19-001
2019	\$3,600		WSU	Identification of Antimicrobial Resistant Genes in Camelid Probiotics	19-002

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		\$5,000	WSU	Herd Maintenance	19-003
		\$5,000	OSU	Herd Maintenance	19-004
2020	\$4,688		OSU	Gastritis in alpacas and llamas	20-001
	\$ (4,688)		OSU	Staff departures cannot complete refund Covid-19	20-001
2022	\$ 12,000		OSU	Development of sdAb ro bind Glucagon-like Peptide-1 Receptor	22-001 F12250
2023	\$ 20,800		OSU**	Echocardiographic references for broad population of alpacas and llamas	23-001
	\$ 9,845		OSU	Gastritis in llamas and alpacas Resubmit of grant 20-001	23-002
2024	\$ 5,180		OSU***	Immunocrit to predict adequacy of passive transfer in neonatal camelids	24-001
	\$ 6,350		OSU****	Injectable Anesthesia in Llamas and Alpacas	24-003
	\$553,954	\$146,567		Total study cost & herd support \$700,521	
			*08-002	Adverse events. IACUC concerns study stopped. Final report inconclusive	08-002
			**OSU/UOP	GALA agreed to pay one half OSU/University of Pennsylvania joint project	23-001
			***	GALA agreed to pay one half	24-001
			****	GALA agreed to pay one half	24-003
12/16/2024	Glen P				