

**PVM Student Grant Program 2011  
Funded Proposals**

	<b>Authors (Faculty sponsor first)</b>	<b>Title</b>
1	Byers S, Beemer O, Bohn A	Evaluation of point of care glucometers in healthy and sick alpacas
2	Duncan CG, Kane NG, Johnston MS, Ehrhart EJ	The role of cyclooxygenase in atherosclerotic lesions of dogs ( <i>Canis familiaris</i> ) and parrots (Order: <i>Psittaciformes</i> )
3	Duncan CG, Schlein LJ, Dennis MM	Modern microscope variation and impact on the histopathologic diagnosis of mast cell tumors and soft tissue sarcomas in dogs
4	Duval D, Khamisi D	Studying the role of CCDC3 and ADHFE1 in canine osteosarcoma cell proliferation, metastatic potential, and resistance to chemotherapy drugs
5	Ferris R, McCue P, McElwee	Development of a PCR assay to predict genetic antimicrobial susceptibility in pathogenic fungi from the uterus of the mare
6	Gionfriddo JR, Davis RK	Analysis of the tear mucins and tear lipid layer of South American Camelids
7	Goodrich L, Christakos J	Effects of platelet-rich plasma on chondrogenesis of bone marrow derived mesenchymal stem cells in dilute fibrin gels
8	Gustfason D, Bradley A, Twedt, D, Wittenburg L	Effect of grapefruit juice and grapefruit seed extract on the pharmacokinetics of multiple dose cyclosporine in dogs
9	Hackett E, Moser DK	Venous lactate measurements in post operative colic horses
10	Hassel D, Lopez B, Hussey G, Schwartz A	Immunologic characterization of the responses of equine airway epithelium to exposure to endotoxin and a novel inhibitor of Toll-like receptor 4
11	Kawcak C, Rauhauser A, Valdes-Martinez A	Increasing the effectiveness of distal limb analgesia in horses by computed tomography contrast mapping of joint injection infiltration
12	Kraft S, Tzipory L, Brundage C, Cuddon P,	Establishment of a quantitative metabolic database for normal canine brains using fluorodeoxyglucose PET-CT
13	Landolt GA, Pecoraro HL, Hussey G, Lunn DP	Comparison of innate immune responses in equine respiratory tract epithelial cells to modified-live equine influenza vaccine and related wildtype equine influenza virus strains
14	Lappin MR, Rosen L, Assarasakorn K	Development of an antigen-capture enzyme-linked immunosorbent assay for detection of <i>Bartonella henselae</i> in feline blood samples
15	Lappin MR, Wiggans T	Development of an indirect enzyme-linked immunosorbent assay for the detection of feline antibodies against <i>Mycoplasma</i> spp.
16	LaRue S, Swancutt K	Endothelial cell apoptosis, <i>in vitro</i> and <i>in situ</i> , as a component of the tumor control mechanism induced by stereotactic radiation therapy

17	Lunn KF, Fenimore A, Carter K	Do cats shed pathogenic leptospire in urine?
18	MacPhail C, Rosen L, Jensen T, Lappin MR	Prevalence of select infectious agents in coyotes on the Front Range of Colorado
19	Palmer RH, Mehlman E, Wilson DM	The effect of rotational position of the canine tibia on radiographic measurement of proximal and distal mechanical joint angles
20	Rezende M, Moser D, Mama K, Valdes-Martinez A	Comparison of two volumes of local anesthetic to achieve complete maxillary blockade via the infraorbital foramen approach – A magnetic resonance imaging study in equine cadavers
21	Ruch Gallie R, Cerra M, Malberg J	Evaluating hypertension in the general canine population
22	Ruch Gallie R, Kihara H.	Effects of synthetic feline facial pheromone use on reducing incidence of upper respiratory tract disease
23	Ruch Gallie R, Iverson S, Smith A	Boxes for stress-associated illness in shelter cats
24	Sullivan L, Wakayama J	The effects of antacid therapy on pharyngeal flora of normal dogs
25	Thamm D, Wolf-Ringwall A, Bouma GJ	Characterization of Metastasis-related microRNAs in Osteosarcoma
26	Valdés-Martínez A, Conway JD, Goodrich L	Radiographic identification of soft tissue structure attachment in the equine stifle joint.
27	Webb C, Clark M	Clinically applicable assays of feline oxidative stress: pilot study