

DCS External Awards FY14 - July 2013-June 2014

Principal Investigator	Sponsor	Title	Dates
Joseph Wakshlag	Royal Canin	<i>Dietary Interventions in Disease</i>	1/1/13-12/31/14
Lisa Fortier, Joel Baines	New York State Department of Health-NYSTEM	<i>Stem Cell Training of Veterinary Students to Foster the Development of Cross-trained Stem Cell Scientists in New York State</i>	1/1/13-12/31/15
PI: Alan Nixon	GeneQuine Biotherapeutics	<i>A Preliminary Trial of Helper-Dependent Adenovirus Delivered Equine IL-1ra for the Treatment of Traumatic Osteoarthritis in an Equine Model</i>	1/22/13-12/31/14
PI: Daniel Fletcher, April Blong, Joseph Wakshlag	Waltham Foundation	<i>Long Chain Omega-3 Fatty Acids: A Potential Prophylactic Therapy for Dogs at Risk of Thromboembolism</i>	7/1/13-5/31/15
PI: Lisa Fortier Fellowship Recipient: Kira Novakofski	Cornell Joan and Sanford I. Weill Medical College	<i>Cellular biomarkers of early cartilage injury measured with multiphoton imaging</i>	7/1/13-6/30/14
PIs: Jon Cheetham, Normand Ducharme	Med-EI World Wide Headquarters	<i>Neuroprosthesis in Horses: Laryngeal Soft Palate and Pulmonary Targets: Program Support</i>	7/1/13-6/30/14
PI: Jon Cheetham	NIH	<i>Manipulating Macrophage Phenotype In Laryngeal Nerve Repair</i>	7/1/13-6/30/16
PI: Robin Radcliffe, Co-PI: Julia Felipe	US Fish and Wildlife	<i>Managing Disease Risks and Improving Livestock Health to Secure the Future of the Endangered Javan Rhinoceros</i>	8/7/13-9/30/15
PI: Kenneth Simpson	American Kennel Club Canine Health Foundation	<i>Granulomatous Colitis in Boxer Dogs and French Bulldogs: Fine Mapping of Disease Associated Loci, Evaluation of Bacterial Killing and Transcriptional Analysis</i>	10/1/13-9/30/15
PI: Robert Gilbert	USDA-Federal Formula Funds	<i>Cervicitis as a Component of Postpartum Reproductive Disease in Dairy Cows</i>	10/1/13-9/30/15
PI: Joseph Wakshlag	USDA-Federal Formula Funds	<i>Insulin Resistance in Transition Dairy Cows: Characterization and Control Measures to Increase Health and Production</i>	10/1/13-9/30/15
PI: Lisa Fortier	Hospital for Special Surgery	<i>Development of a Fiber-reinforced Meniscal Replacement</i>	12/20/13-12/31/14
PI: Robert Goggs	American College of Veterinary Emergency & Critical Care	<i>Multicenter in vitro teg-rotem standardization</i>	1/1/14-12/31/14
PI: N Sydney Moise	American Kennel Club Canine Health Foundation	<i>Mitral valve leaflet strain in dog breeds at risk for myxomatous mitral valve degeneration</i>	1/1/14-12/31/14
PI: Kenneth Simpson	AKC	<i>Granulomatous Colitis In Boxer Dogs And French Bulldogs: Mapping Of Disease Associated Loci And Functional Analysis Of Bacterial Killing</i>	1/1/14-12/31/15
PI: N Sydney Moise Fellowship Recipient: Eva M. Oxford	American College of Veterinary Internal Medicine Foundation	<i>Identification of genetic mutations associated with the development of degenerative mitral valve disease in the small breed dog</i>	1/1/14-12/31/15
PI: Joseph Wakshlag	Terumu Medical Corporation	<i>Canine RPR System</i>	2/10/14-10/31/15

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PI: Kenny Simpson	Cornell Joan and Sanford I. Weill Medical College	<i>Mechanisms of host-bacterial interactions, ileitis and granuloma formation in AGR2-/- mice</i>	3/14/14-2/28/15
PI: Robin Radcliffe Fellowship Recipient: Gabriella Wagner	American Humane Association – AHA	<i>Orthopedic and dental morphometric analysis of the critically endangered javan rhinoceros (rhinoceros sondaicus)</i>	4/1/14-7/31/14
PI: Joseph Wakshlag	i4c Innovations Inc	<i>Canine Heart Rate/Pulmonary UWB Monitoring System-V/alpha Test</i>	4/12/13-2/28/14
PI: Daniel J. Fletcher	American Association of Zoo Veterinarians	<i>Population pharmacokinetics of orally administered epsilon aminocaproic acid in juvenile elephant seals (mirounga angustirostris)</i>	5/1/14-4/30/15
PI: Daniel Fletcher	American Association of Zoo Veterinarians	<i>Population pharmacokinetics of orally administered epsilon aminocaproic acid in juvenile elephant seals (Mirounga angustirostris)</i>	5/1/14-4/30/15
PI: Lisa Fortier	Columbia University	<i>Knee Memiscus Regeneration</i>	5/1/14-4/30/15

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Thomas Divers, Bud Tennant	Harry M. Zweig Memorial Fund for Equine Research	<i>Etiology and Prevention of Equine Serum Hepatitis (Theiler's Disease)</i>	1/1/13-12/31/14
Normand Ducharme	Harry M. Zweig Memorial Fund for Equine Research	<i>An Exploratory Study into the Practical Application of a Regenerative Medicine Approach to Reconstruction of the Equine Upper Airway</i>	1/1/13-12/31/13
Lisa Fortier	Harry M. Zweig Memorial Fund for Equine Research	<i>Cellular Biomarkers of Early Cartilage Injury Measured with Multiphoton Imaging</i>	1/1/13-12/31/15
Alan Nixon	Harry M. Zweig Memorial Fund for Equine Research	<i>Osteoarthritis Control Through Combinatorial Stem Cell Therapy</i>	1/1/13-12/31/15
Dorothy Ainsworth	Harry M. Zweig Memorial Fund for Equine Research	<i>Fine Mapping of candidate Genes Contributing to Equine Left Recurrent Laryngeal Neuropathy (RLN)</i>	1/1/13-12/31/14
PI: Jordyn Boesch	Research Grants in Animal Health:	<i>Cardiopulmonary Effects of Medetomidine in White-Tailed Deer (Odocoileus virginianus)</i>	9/1/13-8/31/14
PI: Eric Ledbetter	Research Grants in Animal Health:	<i>Effects of Topical Ophthalmic Ganciclovir in Dogs with Experimental Recurrent Ocular Canine Herpesvirus-1 Infection</i>	9/1/13-8/31/14
PI: Robert Gilbert	Harry M. Zweig Memorial Fund	<i>Effect of Early Pregnancy on Function of the Equine Corpus Luteum</i>	1/1/14-12/31/14
PI: Alan J. Nixon	Harry M. Zweig Memorial Fund	<i>Evaluation of Lubricin as a New Biotherapeutic for Equine Joint Disease</i>	1/1/14-12/31/15
PI: Rolfe Radcliffe	Harry M. Zweig Memorial Fund	<i>En Bloc Removal of Intravascular Thrombi via an Extracorporeal Bypass Circuit in Experimentally Induced Jugular Thrombosis in Horses</i>	1/1/14-12/31/14
PI: Dorothy M. Ainsworth	Harry M. Zweig Memorial Fund	<i>Fine Mapping of Candidate Genes Contributing to Equine Left Recurrent Laryngeal Neuropathy (RLN) in Thoroughbred Horses - Phase II</i>	1/1/14-12/31/14
PI: Robin Radcliffe, Julia Felipe	John T. and Jane A. Wiederhold Foundation/Wildlife Conservation Grant	<i>The Ecological Drivers of Anthrax Infection: Integrating Conservation Medicine and Veterinary Student Training as Part of a Comprehensive Rhino Health Unit in Indonesia</i>	1/1/14-12/31/16
PI: Kelly Hume	Comparative Cancer grant	<i>A Phase II Investigation of Doxycycline for Canine BCell Lymphoma</i>	5/1/14-4/30/15
Mentor: Dan Fletcher Fellow: Sarrah Kaye	Resident Research Grants	<i>Coagulation & fibrinolysis in Otostrongylus-infected elephant seals.</i>	6/1/14-5/31/15
Mentor: Ursula Krotscheck Fellow: Elizabeth Leach	Resident Research Grants	<i>Effect of TPLO on long-term stifle loading patterns in the dog</i>	6/1/14-5/31/15
Mentor: Eric Ledbetter Fellow: Michele Edelmann	Resident Research Grants	<i>Autologous platelet rich plasma treatment for canine indolent corneal ulcers</i>	6/1/14-5/31/15