



COLLEGE OF VETERINARY MEDICINE
OFFICE OF THE ASSOCIATE DEAN FOR RESEARCH

2014 Summer Research Programs Fellows

2014 Selected DVM Students

#	DVM Student (Year)	Faculty Mentor(Dept)	Research Project Fellowship Sponsor
1	Brooker, Alyssa Purdue University DVM – May 2016	Crist, Scott (CPB)	<i>Role of Acute Phase Cytokines on the Expression of CD40L in Megakaryocytes</i> MERIAL
2	Cha, Hee-Yun “Yuni” Purdue University DVM – May 2017	Pogranichniy, Roman (CPB)	<i>Investigation of Porcine Deltacoronavirus in Indiana Swine</i> PVM
3	Hanenburg, Michelle Purdue University DVM – May 2016	Harbin, Sherry (BME) Shi, Riyi (BMS/BME)	<i>Vasculogenesis as an Influencing Factor of Matrix-guided Nerve Regeneration</i> MERIAL
4	Hohu, Kyle Purdue University DVM – May 2017	Main, Russell (BMS)	<i>Determining Diagnostic Parameters for Fractures in Equine Metacarpal Bones</i> MERIAL
5	Johnson, Whitney Purdue University DVM – May 2016	Lescun, Tim (VCS)	<i>Comparison of Orthopedic Taps for the Transfixation Pin Placement in Equine Third Metacarpal Bones</i> MERIAL
6	Kowal, Joseph “Joe” Purdue University DVM – May 2017	Fauber, Amy (VCS)	<i>Use of a Pressure Sensing Walkway in the Gait Analysis of Dogs with Orthopedic Unilateral Hind Limb Lameness</i> MERIAL

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7	Ray, Kelly Purdue University DVM – May 2016	Hammac, Kenitra (CPB)	<i>Identification of Toxigenic <u>Clostridium difficile</u> Isolates from Equine, Canine, and Porcine fecal Samples</i> MERIAL
8	Smith, Anna Purdue University DVM – May 2017	Zhang, Guang Jun (CPB)	<i>Targeted Mutagenesis of <u>Itzr1</u> gene in Zebrafish using the CRISPR-Cas9 System</i> MERIAL
9	Smith, Catherine Purdue University DVM – May 2017	Croney, Candace (ANSCI)	<i>Factors influencing the Incidence and Severity of Cat and Dog Bites to Animal Shelter Workers</i> PVM
10	Swales, Olivia Purdue University DVM – May 2017	Wilson, Christina (CPB)	<i>Use of MALDI-TOF Mass Spectrometry to Detect Toxins in Veterinary Diagnostic Toxicology</i> ELI LILY
11	Thomas, Victoria Purdue University DVM – May 2016	Mittal, Suresh (CPB)	<i>Evaluation of Broad Spectrum Nature of Multi-epitope-based Avian Influenza Virus Vaccines</i> MERIAL

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2014 Summer Research Programs Fellows
2014 Selected Pre Vet Students

#	Pre-Vet Student (College/Major/Grad)	Faculty Mentor (Dept)	Research Project
1	Bussey-Spratling, Jayda North Carolina Ag & Tech State Univ. Lab Animal Sci./2015	Jones-Hall, Yava (CPB)	<i>Evaluagion of Mucin Production in <u>TNF^{-/-}</u> and WT Mice</i> PVM
2	Garst, Sarah Purdue University Animal Science/2016	Taylor, Sandra (VCS)	<i>Isolation of Equine Peripheral Blood Mesenchymal Stem Cells</i> PVM
3	Lundewall, Leslie Indiana University Biology/Chemistry/2015	Messick Joanne (CPB)	<i>A Multiplex Microbead Immunoassay to Detect Antibodies to <u>Mycoplasma</u> <u>haemofelis</u></i> PVM
4	Patterson, Delaney University of Connecticut BME/Anim. Sci./ 2016	Couetil, Laurent (VCS)	<i>A Pilot Study of the Microbiome of the Equine Respiratory Tract in Health</i> PVM
5	Sholtis, Connor Amherst College Biology/2015	Ogata, Niwako (VCS)	<i>Using Stress Induced Hyperthermia to Assess Anxiety in Dogs</i> PVM
6	Wegner-Clemens, Erik Indiana University Arts & Sciences/2015	Hogan, Dan (VCS)	<i><u>In vitro</u> effect of viscosity on thromboelastographic parameters in healthy dogs</i> PVM