Veterinary Medicine Research Symposium
May 8, 2015

SVM Lab Tours
Meet at 1010 Gladys Valley Hall

11:00 – 1:00pm
J.D. Wheat Veterinary Orthopedic Research Laboratory
Dr. Susan Stover, Director

Advanced Microscopy Facility
Dr. Ingrid Brust Mascher, Technical Director; Dr. Colin Reardon, Faculty Director

VM3B Basic Science Laboratories
Ray Zhang, PhD Candidate

Center for Companion Animal Health
Dr. Michael Kent, Director

Veterinary Medicine Teaching Hospital
Dr. W. David Wilson, Director

Pizza and Presentations
1010 Gladys Valley Hall

1:00
Lunch and refreshments served

Presentation Schedule

1:15 – 1:35pm
Dr. Isaac Pessah
“Research opportunities for UCD undergrads in SVM labs”

1:35 – 1:45pm
Dr. Sean Owens, Associate Dean of Student Programs

1:45 – 1:55pm
Dr. Tracey Goldstein, Director, One Health Institute Laboratory

1:55 – 2:05pm
Ashley Nola (Stover lab)
“Pain in the Neck – How Silicate-Associated Osteoporosis Affects the Equine Cervical Spine”

2:05 – 2:15pm
Yvonne Chang (Lein Lab)
“Gene Expression of Thyroid Hormone Signaling Components in the Developing Zebrafish Brain”

2:15 – 2:25pm
Tiani Calip (Lein Lab)
“PCB 95 Modulates Dendritic Arborization in Rat Hippocampal Neurons via Production of Reactive Oxygen Species”
2:15 – 2:25pm  Tiani Calip (Lein Lab)
“PCB 95 Modulates Dendritic Arborization in Rat Hippocampal Neurons via Production of Reactive Oxygen Species”

2:25 – 2:35pm  Sara Sewell (Hart Lab)
“Hypothyroidism in Golden Retrievers and Labrador Retrievers: Effects of Early Neutering?”

2:35 – 2:45pm  Jiayin Liu (Bellone Lab)
“Genetic Investigation of Limbal Squamous Cell Carcinoma in Hafinger Horses”

2:45 – 2:55pm  Casey Bronec (Guilivi Lab)
“Influence of Pre-natal Maternal BMI of Mothers at High Risk of Having a Child with Autism and Placental Mitochondrial DNA Abnormalities”

2:55 – 3:05pm  Linda Nguyen, Brittney Le, and Justin Yuen (Bain Lab)
“Dog Behavior in Dog Parks: A Correlative Study Between Observed Behavioral Patterns and Owner Perception of Aggression and Anxiety in Dogs”

3:05 – 3:15pm  Diane Walsh (Hart Lab)
“Job-related Stress of Child Forensic Interviewers: Influences of Trained Facility Dogs, Therapy Dogs or No Dogs”

3:15 – 3:30pm  Marena Habibi and Kelly Hudiono (Pessah Lab)
“Endocrine Signaling Disruption in a Mouse Model of Malignant Hyperthermia”

**Poster Session** **MOVED** Lobby of VM3B

3:30 – 5:00pm  Poster viewing, munchies and refreshments