**Friday April 1, 2022**

**Lecture Hall 3, Veterinary Research Tower**

**9:00am Welcome & Introductions –** Clinical Investigators’ Day Organizing Committee

**9:00–10:00 am Keynote Presentation**

FUEL FEEDS FUNCTION - THE EFFECT OF NUTRIENT SUPPLY ON DAIRY CATTLE PHYSIOLOGY

**Sabine Mann,** Dr. med. vet., PhD,DACVPM**,** Assistant Professor,Cornell Department of Population Medicine and Diagnostic Sciences

**10:00–11:00 am Resident Presentations –Moderated by Dr. Jacquelyn Evans**

ANTHELMINTIC RESISTANCE IN SHEEP AND GOAT HERDS IN THE FINGER LAKES REGION OF NY

**Isabelle Louge** – Ambulatory and Production Medicine Resident

EVALUATION OF THE EFFECTS OF A 1:1 INSPIRATORY:EXPIRATORY RATIO IN ANESTHETIZED AND VENTILATED HORSES

**Ella Pittman** – Anesthesiology and Pain Management Resident

 COMPARISON OF NERVE STAINING QUALITY OF METHYLENE BLUE, TISSUE MARKER AND FOOD DYE

**Shanna Wong** – Anesthesiology and Pain Management Intern

ULTRASOUND IS AN ACCURATE METHOD AS COMPARED TO RADIOGRAPHY FOR DIAGNOSING THE PRESENCE OF ACUTE HIP LUXATION IN CADAVER DOGS AND CAN IDENTIFY DIRECTION OF LUXATION WITH VARIABLE RELIABILITY

**Amy Todd-Donato –** Diagnostic Imaging Resident and **Gretchen VanDeventer** – Small Animal Surgery Resident

**11:00–11:15 am Break**

**11:15–12:15 pm Resident Presentations –Moderated by Dr. Carrie Adler**

DEVELOPMENT, VALIDATION, AND USE OF A NOVEL 3D-PRINTED TPLO SAW GUIDE

**Christian Folk** – Small Animal Surgery Resident

SURGERY FOLLOWED BY FRACTIONATED RADIATION THERAPY VERSUS SURGERY ALONE IN THE TREATMENT OF CANINE THYROID CARCINOMA

**Brittany Zumbo** – Medical Oncology Resident

A PILOT STUDY TO EVALUATE THE DIAGNOSTIC ACCURACY OF MAINSTREAM VERSUS SIDESTREAM CAPNOGRAPHY IN DETECTING AIRWAY INTUBATION OF SMALL-BORE STYLETED NASOENTERIC FEEDING TUBES

**Molly Bechtold** – Small Animal Medicine Resident

CLINICAL FINDINGS AND OUTCOME PREDICTORS FOR EQUINE MULTINODULAR PULMONARY FIBROSIS: 46 CASES (2009-2019)

**Amanda Craven** – Large Animal Medicine Resident

**12:15–1:00 pm Lunch**

**1:00–2:15 pm Resident Presentations –Moderated by Dr. Tim Hackett**

CHARACTERIZING CLINICOPATHOLOGIC FEATURES OF EMERGING SKUNK ADENOVIRUS 1 IN NORTH AMERICAN PORCUPINES (ERETHIZON DORSATUM)

**Shotaro Nakagun** – Anatomic Pathology Resident

METABOLIC FEATURES OF RAPID VS. GRADUAL ENTERAL REFEEDING IN EMACIATED RED-TAILED HAWKS (BUTEO JAMAICENSIS)

**Melissa Hanson** – Zoological Medicine Resident

PROPOSAL: EFFICACY OF ORAL ALBENDAZOLE AND FUMAGILLIN IN THE TREATMENT OF PSEUDOLOMA NEUROPHILIA IN ADULT ZEBRAFISH (DANIO RERIO)

**Elizabeth Lavin** – Laboratory Animal Medicine Resident

PROPOSAL: TREATMENT OF CHRONIC EQUINE HEPACIVIRUS INFECTION WITH POLYCLONAL ANTIBODIES IN CONVALESCENT HORSE PLASMA

**Erin Pearson** – Large Animal Medicine Resident

PROPOSAL: CAN VOLTAGE-GATED CALCIUM CHANNEL BETA SUBUNIT GENE OF DIPYLIDIUM CANINUM BE A DIAGNOSTIC DNA MARKER FOR ASSESSING PRAZIQUANTEL RESISTANCE IN CANINE AND FELINE HOSTS?

**Ranju Manoj** – Veterinary Parasitology Resident

**2:15–2:30 pm Break**

**2:30–3:30 pm Resident Proposal Presentations –Moderated by Megan Fahey and Sydney Womak, Combined DVM/PhD students**

PROPOSAL: DETERMINATION OF THE MINIMUM EFFECTIVE CONCENTRATION OF EPIDURAL ROPIVACAINE WITH BUPRENORPHINE AND EVALUATION OF RECOVERY QUALITY IN DOGS UNDERGOING OVARIOHYSTERECTOMY

**Cheyenne Cannarozzo** – Anesthesiology and Pain Management Resident

PROPOSAL: EFFECT ON DURATION OF BLOCKADE WHEN DEXMEDETOMIDINE IS USED AS AN ADJUVANT IN PERIPHERAL NERVE BLOCKS

**Kelly Chen** – Anesthesiology and Pain Management Resident

PROPOSAL: THE EFFECT OF ACUTE CONTROLLED HEMORRHAGE, PHENYLEPHRINE, AND DOBUTAMINE ON THE REGIONAL DISTRIBUTION OF VENTILATION-PERFUSION RATIO IN ANESTHETIZED PIGS.

**Shannon Larrabee** – Anesthesiology and Pain Management Resident

PROPOSAL: EVALUATION OF TRANSVERSUS ABDOMINIS PLANE BLOCK IN PIGS USING LIPOSOMAL BUPIVACAINE VERSUS BUPIVACAINE HCL

**Emily C Pearson** – Comparative Medicine Resident

**4:00 pm Awards Presentation**

**Dr. Lorin Warnick**, Dean, College of Veterinary Medicine