Thursday, January 25

2:00 - 5:00 pm  Board of Directors Meeting

5:30 - 7:00 pm  Opening Social with MSU WIMU Students & 2024-25 Power of 10 Class

Friday, January 26

7:00 am  Registration/Breakfast Buffet

8:00 am - Noon  Large Animal Session – 4 CEs
   Equine Internal Medicine – Edward Voss, DVM

   Small Animal Session – 4 CEs
   Small Animal Cardiology – Ryan Baumwart, DVM, Washington State University

Noon - 1:00 pm  Lunch

1:00 - 5:00 pm  Large Animal Session – 4 CEs
   Goat/Swine Anesthesia, Goat Care and Management
   Robert J. Callan, DVM, MS, PhD, DACVIM - Colorado State University

Practical anesthesia and analgesia for goats and swine

- In this session we will discuss anesthesia and analgesia protocols and techniques that can consistently be used in the field or in the hospital for general medical and surgical procedures in goats and pigs. Multimodal protocols generally provide safer and more consistently effective results. With this information, you should be able to adapt these protocols to various situations for goats and swine.

Infectious diseases and vaccination for hobby, show, and pet goats

- Infectious diseases in goats are common medical problems. This session will focus on enteric and respiratory diseases, their causes, treatment, and prevention. Causes for higher-than-expected morbidity, persistent and recurrent disease, and those frustrating treatment failures will be discussed.

Tips for common and some uncommon goat surgical procedures

- Selected surgical procedures in goats including castration, dehorning, scur removal, cryptorchidism, and mastectomy will be reviewed. This talk will focus on the specific tips for these surgical procedures that can minimize complications and improve outcomes.

Urolithiasis prevention and treatment in goats

- Who isn’t frustrated by urolithiasis in goats? The problem has evolved over the years from mostly struvite uroliths to now the insoluble calcium carbonate, phosphatic, magnesium, and silica stones. Prevention is challenging and will fail in some animals. When medical treatment fails, there are several surgical procedures that can be performed, but the owner’s goals, costs, and prognosis must be fully considered. This talk will promote the “Leave No Stone Behind” philosophy and describe a combined tube cystotomy and urethrotomy procedure for relieving urethral obstruction due to insoluble uroliths.

Small Animal Session – 4 CEs
Small Animal Dentistry - Katherine Block, DVM - MT Pet Dentistry & Oral Surgery
Periodontal disease
Radiographic interpretation
Oral tumors in dogs and cats
Q and A with case examples

6:00 pm Social Hour & Banquet with keynote speaker
Dr. Wouter van Hoven, CEO- Ecolife Expeditions- Pretoria, S. Africa

Caring for Wildlife in Southern Africa
- During the past 50 years wildlife has dramatically declined in most of the 55 independent countries in Africa. In Southern Africa just the opposite happened, and we saw a dramatic increase in wildlife numbers over the same period. We discuss the conservation management and veterinary contribution to this turnaround.

Saturday, January 27

7:00 am Registration/Breakfast Buffet

8:00 am - Noon Large Animal Session – 4 CEs
*Pig Management, Pig/Goat Wound Management* - Robert J. Callan, DVM, MS, PhD, DACVIM - Colorado State University

Infectious diseases and vaccination for hobby, show, and pet pigs
- Pigs are susceptible to a variety of infectious diseases. This session will focus on infectious diseases observed in hobby, show, and pet pigs as well as vaccination programs that can be utilized in these production groups. The risk of African Swine Fever, an exotic disease in the U.S., and the importance for early recognition and confirmation will also be discussed.

Tips for common and uncommon swine surgical procedures
- Selected surgical procedures in swine including ovariohysterectomy, castration, preputial diverticulum removal, cryptorchidism, umbilical and inguinal hernia, and cesarean section will be reviewed. This talk will focus on the specific tips for these surgical procedures that can minimize complications and improve outcomes.

The pig spa day; Eyes, Ears, Feet, and Skin
- Pigs are becoming more and more common as pets. Because of the anticipated longer lifespan for pet pigs compared to production pigs, owners will often request additional care to keep them healthy and comfortable. This session will discuss the “Pig Spa Day,” what to look for, what to do, and how to do it.

Wound management for goats and swine
- Traumatic wounds are common in goats and swine. Environmental objects can cause wounds as well as dog attacks and predation. There are many ways to approach wound care and numerous products used to promote healing. This session will focus on some fundamental concepts of wound management intended to improve wound healing. In particular, we will discuss using hypertonic saline, calcium alginate, and foam dressings at specific points in the wound healing cycle.

Small Animal Session – 4 CEs
*Small Animal Cannabinoids, Canine Nutrition*
Joe Wakshlag, DVM, PhD, DACVIM (nutrition), DACVSMR, ElleVet Sciences

CBD/CBDA rich hemp – Pharmacokinetics across species and Quality Control for Practitioners to Consider
- In this session we will be discussing the current concepts around picking quality hemp products. There has been a dramatic rise in hemp product use and current knowledge around pharmacokinetics in pets is showing dramatic differences between dogs, cats, horses making dosing paramount to clinical efficacy. The products out there have a plethora of differences and practitioners should know about quality control and follow the AABVS guidelines for selecting products. A full understanding of a certificate of analysis when picking a product regardless of the plant-based product they are providing their clients with is paramount to good medicine.

CBD/CBDA-Rich Hemp and Pain – Intricacies of Treatment
- In this session we will provide brief overview of the endocannabinoid system and how CBD and CBDA may fit into treatment regimens of pain. Acute and chronic neuropathic pain have different etiologies and may require different
treatment regimens and this lecture will focus on the evidence for use of non-psychotropic cannabinoids to treat pain with case examples of successful treatments with and without other pharmaceutical agents. Discussion around the safety of chronic treatment and possible interactions with other pharmaceuticals will be discussed. To provide and understanding of the endocannabinoid system and how CBD/CBDA fit into this homeostatic neuronal system; To provide an understanding of chronic and acute pain treatments in dogs and cats; To provide case examples of successful use of CBD/CBDA in the mitigation of pain in dogs and cats.

CBD/CBDA-Rich Hemp – Not Just for Pain Anymore
- In this lecture we will touch on the endocannabinoidome and its far reaches into the use in seizure management, anxiety and even pruritis! There is increasing evidence that cannabidiol products can be used to treat refractory seizures and the studies will be discussed delving into drug-drug interactions that may or may not be occurring. More recent evidence is starting to emerge regarding the use of cannabinoids in the treatment of atopic dermatitis which will be presented and we will discuss when and how this can be applied to these difficult cases. There will be further exploration into the use of cannabinoids in managing anxiety and situational and chronic dosing may differ as well as how tricky finding the best dose for management can be elusive and why further clinical behavioral studies are necessary.

Hot Topics in Nutrition: Copper and Grain Free Myths and Facts
- Although students find nutrition somewhat boring the reality is that the general practitioner is asked about it on a daily basis. More recently, there has been conjecture and epidemiological data presented on the grain free phenomenon and its potential involvement in DCM which has been largely debunked; however, there are nuances in the grain free diets compared to grainful diets that should not be ignored. This will be explored from a conceptual basis. Even more concerning is the rise in copper related hepatopathies in dogs and the epidemiology is implicating the pet food industries over supplementing of copper in commercial dog foods, putting susceptible breeds at higher risk. A look into copper requirements and the treatment of hepatic disease with dietary alterations will be explored as well as products that should be considered and alterations to the diet that should be implemented when hepatic copper accumulation is found, regardless of whether primary or secondary in nature.

Noon - 1:30 pm  Membership Meeting/Lunch

2:00 - 4:00 pm  Joint Large and Small Animal Session – 2 CEs

Secure Food Supplies/FAD Response: Drs. Tahnee Szymanski and Merry Michalski
- In response to continued Highly Pathogenic Avian Influenza outbreaks in the US and MT, and the growing threat of other foreign animal diseases such as African Swine Fever and Foot and Mouth Disease, DOL is prioritizing emergency preparedness planning for MT livestock producers. DOL will provide background and importance of creating Secure Food Supply plans for livestock producers. DOL will discuss current FAD response protocols with real time examples from HPAI and proposed plans for ASF and FMD.

Brucella canis: Dr. Merry Michalski
- DOL continues to request increased surveillance for Brucella canis throughout MT. Recent data suggests a slightly more optimistic outlook on the prevalence across the state over the last several months. DOL will provide an update on testing data, updates to guidance documents, and a summary from a One Health committee meeting with information from disease response in other states.

Brucellosis abortus Update: Dr. Brad De Groot
- Montana’s brucellosis control program continues to gain increasing confidence among state animal health officials that receive Montana cattle. This confidence is based on our collective ability to reduce brucellosis transmission risk from wildlife and prevent escape of any spillover infections into domestic livestock. As confidence increases, destination states drop Montana-specific entry requirements and rely on the consistent MDOL rules. This section provides a high-level overview of the Designated Surveillance Area (DSA) identification, brucellosis testing, and movement rules, as well as a brief description of how the MDOL assesses compliance with those rules, to develop and maintain confidence among animal health officials and non-DSA livestock operators.

Laboratory submissions – test/sample selection and electronic accessions: Drs. Brad De Groot and Erika Schwarz-Collins
- Timely, accurate, and reliable diagnosis of disease or establishment of health status depends on having the right specimens handled the right way to assure diagnostic integrity. This section covers specimen selection, collection, handling, submission, test selection and results utilization for key diseases encountered in Montana practice. Included in this section are ways to submit submission forms electronically and how electronic submission of electronic animal identification benefits you and your clients whenever they need to generate evidence of freedom from disease or disease exposure.