

**58<sup>th</sup> SIERRA VETERINARY MEDICAL ASSOCIATION  
ANNUAL WINTER MEETING – Sun Peaks, British Columbia  
FEBRUARY 5 – 9, 2018**

**CE PROGRAM OUTLINE:**

**MONDAY, FEBRUARY 5, 2018**

7:00 – 7:50 AM (7:50 – 8:00 AM BREAK)

**Michael Anderson, DVM (1 Hour)**

Introduction and Context for Symposium

8:00 – 9:00 AM

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

**Marguerite Pappaioniou, DVM, MPVM, PhD (3 Hours)**

**PUBLIC HEALTH: ONE HEALTH AND PLANETARY HEALTH PERSPECTIVES:**

- An introduction and overview to One Health-- Its history, scope, value, challenges and solutions to Implementation (1.0)
- An introduction to Planetary Health: Protecting Earth's Life Support Systems that Humans Depend on for Health, Well Being, and Sustainability (1.0)
- Planetary Health Impacting Global Human and Animal Health (1.0)

**TUESDAY, FEBRUARY 6, 2018**

7:00 – 9:00 AM (7:50 – 8:00 AM BREAK)

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

**Frank Mitloehner, PhD (4 Hours)**

**ENVIRONMENT AND DAIRY PRODUCTION**

- Air quality research
- The role of livestock environmental assessment.
- Addressing management of carbon/phosphorus/nitrogen
- Significant new technologies and their application and their role in environment and pathogen management.

**WEDNESDAY, FEBRUARY 7, 2018**

7:00 – 9:00 AM (7:50 – 8:00 AM BREAK)

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

**Marina von Keyserlingk, PhD (4 Hours)**

**WELFARE ISSUES WITH RUMINANTS IN THE FOOD SUPPLY**

- How to identify real and perceived animal welfare issues.
- How to best address issues that have been identified.
- Effects of culture and socioeconomics on the welfare of animals.

**THURSDAY, FEBRUARY 8, 2018**

7:00 – 9:00 AM (7:50 – 8:00 AM BREAK)

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

**Tim McAllister, PhD (4 Hours)**

**THE ROLE OF BEEF CATTLE IN SUSTAINABLE AGRICULTURE**

- Beef industry perspective, focusing on public health and the environment.
- The importance of livestock to sustainable agriculture.
- The global effort to achieve “sustainable beef agriculture”
- The role of livestock in greenhouse gas production, water quality and biodiversity (lecture and audience participation in discussion).

**FRIDAY, FEBRUARY 9, 2018**

7:00 – 7:50 AM (7:50 – 8:00 AM BREAK)

**Debbie James, DVM, DACVIM (Neurology) (2 Hours) – Feline Neurology**

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

**Michael Anderson, DVM (2 Hours)**

The final event for the agriculture policy CE symposium will be:

- **“FOOD EVOLUTION”**, addressing the issue of Genetic Engineering and Food Policy