

**58th 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 non-RACE)
Introduction and Context for Symposium

8:00 – 9:00 AM

Marguerite Pappaioniou, DVM, MPVM, PhD (1 Hour)
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)

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 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)

Frank Mitloehner, PhD (2 Hours)
ENVIRONMENT AND DAIRY PRODUCTION

- Air quality research
- The role of livestock environmental assessment.

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

Frank Mitloehner, PhD (2 Hours)
ENVIRONMENT AND DAIRY PRODUCTION

- 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)

Marina von Keyserlingk, PhD (2 Hours)
WELFARE ISSUES WITH RUMINANTS IN THE FOOD SUPPLY

- How to identify real and perceived animal welfare issues.

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

Marina von Keyserlingk, PhD (2 Hours)
WELFARE ISSUES WITH RUMINANTS IN THE FOOD SUPPLY

- 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)

Tim McAllister, PhD (2 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.

4:00 – 6:00 PM (4:50 – 5:00 PM BREAK)

Tim McAllister, PhD (2 Hours)

THE ROLE OF BEEF CATTLE IN 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 – 9:00 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 non-RACE)

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

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