

# SEVN's Neurodiagnostics Summit Agenda

## Day 1: Tuesday, March 2, 2027

**1:00 - 1:10 pm - Summit Opening and Introductions**

**1:10 - 2:00 pm**

**Topic:** Electroencephalography Theory, Generation & Normal Studies | More Physics: This Time with Squiggles in 12 Channels!

**Speaker:** Chris Mariani DVM, PhD, DACVIM (Neurology)

**2:00 - 2:50 pm**

**Topic:** Clinical Applications of Electroencephalography in Your Hospital | Is there EEG on my face?

**Speaker:** Chris Mariani DVM, PhD, DACVIM (Neurology)

**2:50 - 3:10 pm - Break**

**3:10 - 4:00 pm**

**Topic:** Electrodiagnostics: Equipment and Methodology | Little did you know your residency was half physics

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**4:00 - 4:50 pm**

**Topic:** Electromyography in Practice | Just stick a needle in it

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**4:50 - 5:00 pm - Close**

**5:00 - 6:00 pm - Networking Hour**

## Day 2: Wednesday, March 3, 2027

**7:00 - 8:00 am - Breakfast**

**8:00 - 8:10 am - Introductions**

**8:10 - 9:00 am**

**Topic:** Motor Nerve Conduction Velocities | If my car is driving at 47 mph how long till we reach Albuquerque

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**9:00 - 9:50 am**

**Topic:** The Late Waves of the Motor Nerve Conduction Velocity Study & Sensory Nerve Conduction, Cord Dorsum Potential, and Junctionopathies | Hit Me Back Yo" & "Safety-Factor First

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**9:50 - 10:10 am - Break**

**10:10 - 11:00 am**

**Topic:** Auditory Assessment | Papa, can you hear me?

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**11:00 - 11:50 am**

**Topic:** MRI Physics for Neurologists — From Proton Spin to Clinical Images

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**11:50 - 1:00 pm - Lunch**

**1:00 - 1:50 pm**

**Topic:** MRI Optimization and Artifact Troubleshooting — Understanding the Knobs and Solving the Problems

**Speaker:** Fred Wininger VMD, MS, DACVIM (Neurology)

**1:50 - 2:40 pm**

**Topic:** Approach to MRI Interpretation - Atomic Habits for Systematic Review

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**2:40 - 3:00 pm - Break**

**3:00 - 3:50 pm**

**Topic:** Normal MRI/CT Anatomy and Congenital Conditions - How do you define normal?

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**3:50 - 4:40 pm**

**Topic:** Neoplasia and Inflammatory Diseases - How common are they?

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**4:40 - 5:00 pm - Close**

### Day 3: Thursday, March 4, 2027

**7:00 - 8:00 am - Breakfast**

**8:00 - 8:10 am - Introductions**

**8:10 - 9:00 am**

**Topic:** Vascular and Traumatic Diseases - The bigger they are, the harder they fall...including a review on equine cervical myelopathy

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**9:00 - 9:50 am**

**Topic:** MRI Case Discussion Part 1

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**9:50 - 10:10 am - Break**

**10:10 - 11:00 am**

**Topic:** MRI Case Discussion Part 2

**Speakers:** Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) & Amanda R.

Taylor, DVM, DACVIM (Neurology), CVA, CCRP

**11:00 - 11:50 am**

**Topic:** Introduction to Neuropathology Terms Including Histochemical Stains and Immunohistochemistry

**Speaker:** Andrew Miller, DVM, DACVP

**11:50 - 1:00 pm - Lunch**

**1:00 - 1:50 pm**

**Topic:** Introduction Continued and Congenital/Inherited Diseases of the CNS

**Speaker:** Andrew Miller, DVM, DACVP

**1:50 - 2:40 pm**

**Topic:** CNS Neoplasia, part 1

**Speaker:** Andrew Miller, DVM, DACVP

**2:40 - 3:00 pm - Break**

**3:00 - 3:50 pm**

**Topic:** CNS Neoplasia, part 2

**Speaker:** Andrew Miller, DVM, DACVP

**3:50 - 5:00 pm - Hold for Sponsor Talks & Closing**

**5:30 - 7:30 pm - Rhythm & Vine Dinner & Networking**

#### **Day 4: Friday, March 5, 2027**

**7:00 - 8:00 am - Breakfast**

**8:00 - 8:10 am - Introductions**

**8:10 - 9:00 am**

**Topic:** PNS Neoplasia

**Speaker:** Andrew Miller, DVM, DACVP

**9:00 - 9:50 am**

**Topic:** Infectious conditions of the CNS

**Speaker:** Andrew Miller, DVM, DACVP

**9:50 - 10:10 am - Break**

**10:10 - 11:00 am**

**Topic:** Inflammatory conditions of the CNS

**Speaker:** Andrew Miller, DVM, DACVP

**11:00 - 11:50 am**

**Topic:** Vascular conditions of the CNS

**Speaker:** Andrew Miller, DVM, DACVP

**11:50 - 12:00 pm - Summit Closing**