

NEW ORLEANS



Connect with your colleagues at the premier
meeting for neuromuscular medicine!

2016 Annual Meeting | September 14–17



American Association of Neuromuscular & Electrodiagnostic Medicine

Including sessions by the Myasthenia Gravis Foundation of America & Peripheral Nerve Society

For more information, visit: www.aanem.org/meeting



NEW SIERRA 3.0

- Integrated ultrasound
- New auto Single Fiber EMG
- New HL7 Interface (ADT and ORM)

AND MUCH MORE!

FOR MORE INFORMATION VISIT US AT
WWW.CADWELL.COM
OR GIVE US A CALL AT (800) 245-3001

CADWELL INDUSTRIES, INC. - 909 N. KELLOGG ST. - KENNEWICK, WA 99336
(800) 245-3001 • (509) 735-6481 PH • (509) 783-6503 FX • INFO@CADWELL.COM



AANEM EDX LABORATORY ACCREDITATION:

1. Demonstrates clinical excellence in EDX medicine
2. Proves a laboratory's commitment to providing the highest quality health care and a safe environment for patients
3. Provides patients, referral sources, and payers with a credible measure to differentiate the laboratory's quality of care

aanem.org/accreditation

WHAT TYPES OF PRACTICES CAN APPLY FOR ACCREDITATION?

Accreditation is available to all types and sizes of practices based in the United States, including:



Private Practices,
Solo or Group
Practices



Independent
Diagnostic
Testing Facilities



Hospital
Based
Practices



Academic
Institutions

AANEM EDX Laboratory
Accreditation Program

American Association of Neuromuscular
& Electrodiagnostic Medicine

Join us at the 2016 AANEM Annual Meeting!



Vern Juel, MD
2016 President

*The AANEM Annual Meeting
brings together healthcare
professionals interested in
research, diagnosis, and clinical
management of patients with
peripheral nerve and muscle
diseases.*

Colleagues,

It is my pleasure to invite you to join me in New Orleans, Louisiana on September 14-17 for the 2016 AANEM Annual Meeting.

I enjoy our annual meeting not only for the opportunity to engage with colleagues and experts across the scope of neuromuscular (NM) medicine, but also because of the cutting-edge courses, abstracts, and topical educational offerings presented in a smaller and more intimate setting than the larger specialty meetings. Our sessions will delve into contemporary and emerging topics in NM medicine including current practice issues, diagnostic insights, and therapeutic advances.

This year's meeting promises to be even more engaging. Our plenary theme, "Insight and Innovation in Neuromuscular Medicine" will feature sessions by topic experts addressing contemporary issues in NM clinical practice and research. This year's plenary sessions will be presented in a somewhat shorter and more digestible format, with one or two 50-minute sessions held on each day of the meeting. Following each plenary session, you will have the opportunity to ask questions and continue the discussion with the plenary speakers in a more informal "learning lounge" setting.

The AANEM Annual Meeting brings together healthcare professionals interested in research, diagnosis, and clinical management of patients with peripheral nerve and muscle diseases. You will learn about cutting-edge advances from the researchers themselves, and you will have the chance to advance your technical skills through numerous hands-on workshops. The great number of scientific abstract submissions for 2016 will provide for a stimulating scientific session.

The 2016 AANEM Annual Meeting will be a superb opportunity to interact and to expand your knowledge in New Orleans, a city rich in music, history, and tradition. I look forward to seeing you there!

A handwritten signature in black ink, appearing to read "Vern Juel".

Vern Juel, MD
2016 AANEM President

Table of Contents

3	President's Message
5	Plenary Speakers
6	Registration
7	Tips & Tools/ Abbreviations
8	Location Information & Tours
10	Meeting Activities
11	Tailor your Experience
12	Social Events
13	Meeting at a Glance
14	Educational Sessions Wednesday
18	Thursday
21	Friday
24	Saturday
26	Meeting Objectives

*Information is accurate as of
June 1, 2016.*

*For additional updates, visit
www.aanem.org/meeting.*

*This year's AANEM Annual Meeting
offers sessions focusing on a variety of
interest areas including:*

Neuromuscular Highlights

- Plenary: Insight and Innovation in NM Medicine
- NM Topics in Sports Medicine
- Diagnostic Approach to Pediatric Patients with NM Disorders
- NM Therapeutics
- Emerging Gene Therapies for NM Diseases
- Neuropathy in Amyloidosis
- Common Polyneuropathies
- Immunotherapy
- Genetics related to Distal, Myotonic Dystrophies and Limb-girdle Muscular Dystrophy

Ultrasound Highlights

- Electrodiagnosis and Ultrasound of Focal Neuropathies
- NM Ultrasound Roundtable
- Cutting Edge Ultrasound

Technologist Highlights

- Basics With the Experts
- Instrumentation Session
- NCS and US Workshops



Ted M. Burns, MD:
Lambert Lecture
"Measurement and
Assessment
in NM Diseases"



John T. Kissel, MD:
"Emerging Gene
Therapies for
NM Disease"



**Pushpa Narayanaswami,
MBBS, DM, FAAN:**
"Evidence Based Guidelines
vs. Consensus Guidance
Statements: Comrades
or Foes?"



2016

Plenary Speakers

Insight and Innovation in
Neuromuscular Medicine

Merit E. Cudkowicz, MD:
Olney Lecture
"Developing Multidisciplinary
Clinics for NM Care and
Research"



**Kevin A. Schulman,
MD, MBA:**
"The Economics
of Specialty
Pharmaceuticals"



Jay J. Han, MD:
Reiner Lecture
"Innovations in
Adaptive Technology
for Patients with NM
Disorders"



Registration

Online

Online registration is the preferred method and allows you to view real-time session availability. Register at www.aanem.org/meeting. Online registration deadline: August 17, 2016

More ways to Register

Mail

Mail the included insert to:
AANEM
2621 Superior Drive NW
Rochester, MN 55901
*Confirmation will be sent to you within 2 weeks of receipt. Allow more time if you are an international registrant.

Fax

Fax the included insert to:
507.288.1225
*Confirmation will be sent to you within 2 weeks of receipt. Allow more time if you are an international registrant.

On-Site

Tuesday 6:00 PM–9:00 PM
Wednesday 7:00 AM–6:00 PM
Thursday 8:00 AM–6:00 PM
Friday 8:00 AM–4:00 PM
Saturday 8:00 AM–10:00 AM

Join AANEM to Save on Registration Fees

The AANEM is the only membership organization designed to address the needs of all NM and EDX healthcare providers by bringing together physicians, researchers, technologists, and collaborators who specialize in these areas of medicine.

**Join now to receive
discounted registration fees
and many other benefits.**

**www.aanem.org/join or call
507.288.0100**

Early Bird Registration

Save \$75 if you register by July 6, 2016

FULL REGISTRATION	By 7/6	7/7-8/17	Onsite
MEMBER			
Physicians	\$625	700	775
Residents & Fellows	\$350	425	500
Technologists, Collaborators, Researchers	\$350	425	500
NONMEMBER			
Physicians	\$875	950	1,025
Residents & Fellows	\$500	575	650
Technologists, Collaborators, Researchers	\$500	575	650

Fri./Sat. REGISTRATION	By 7/6	7/7-8/17	Onsite
MEMBER			
Physicians	\$300	375	450
Residents & Fellows	\$200	275	350
Technologists, Collaborators, Researchers	\$200	275	350
NONMEMBER			
Physicians	\$425	500	575
Residents & Fellows	\$300	375	450
Technologists, Collaborators, Researchers	\$300	375	450



Cancellation/Refund Policy:

- Prior to July 6: full refund
- July 7-August 17: \$100 cancellation fee
- After August 17: no refunds

On-site cancellation of individual sessions with limited enrollment will be refunded at 50% of purchase price. The ticket must be returned to the registration desk to receive a refund.

Payment

All fees must be paid in US dollars. Full payment by check or credit is required. To receive member rates, your 2016 membership dues must be current. If they are not, non-member meeting rates will be charged. You may renew your membership online or call 507.288.0100.

Tips & Tools for the Meeting



WI-FI: You will be able to use your smartphone, tablet, and/or laptop throughout the event space thanks to complimentary Wi-Fi.



EMAIL: AANEM will send timely email announcements throughout the meeting. Make sure to provide us with an up-to-date email address upon registration.



ATTIRE: AANEM encourages all attendees to dress casually and comfortably for the meeting.



FACEBOOK: Like our Facebook page to see updates from the meeting.



TWITTER: Follow us at @AANEM.org. Share your meeting experience with others using the #AANEM hashtag.



WEBSITE: Visit the AANEM website for updated meeting information at aanem.org/meeting.



INSTAGRAM: Follow us at AANEMorg, share your photos from New Orleans using the #AANEM hashtag so we can like and share them!



PICTURES: AANEM takes photos during the meeting for use in future publications. Please note that personal camera and video equipment is not allowed in the annual meeting sessions no exhibit hall.

Abbreviations Used Throughout this Brochure

AANEM: American Association of Neuromuscular & Electrodiagnostic Medicine
 ABMS: American Board of Medical Specialties
 ABPN: American Board of Psychiatry & Neurology
 ABPMR: American Board of Physical Medicine and Rehabilitation
 ALS: Amyotrophic lateral sclerosis
 CIDP: Chronic inflammatory demyelinating polyradiculoneuropathy
 CK: Creatine kinase
 CNP: Clinical neurophysiology
 CTS: Carpal tunnel syndrome
 EDX: Electrodiagnostic
 EMG: Electromyography
 GAA: Acid alpha-glucosidase
 GBS: Guillain-Barré syndrome
 HRDB: Heart rate variation during deep breathing
 IOM: Intraoperative monitoring
 LGMD: Limb-girdle muscular dystrophy
 MEP: Motor evoked potential
 MG: Myasthenia gravis
 MGFA: Myasthenia Gravis Foundation of America
 MND: Motor neuron disorder
 MRI: Magnetic resonance imaging
 MSK: Musculoskeletal
 MUP: Motor unit action potential
 MUNE: Motor unit number estimates
 NCS: Nerve conduction study
 NM: Neuromuscular
 NMDs: Neuromuscular disorders
 NMJ: Neuromuscular junction
 PMR: Physical medicine and rehabilitation
 Q-SART: Quantitative sudomotor axon reflex test
 QST: Quantitative sensory test
 RNS: Repetitive nerve stimulation
 SEP: Somatosensory evoked potential
 SFEMG: Single-fiber electromyography
 SIG: Special interest group
 SSR: Sympathetic skin response
 TOS: Thoracic outlet syndrome
 TST: Thermoregulatory sweat test
 TTS: Tarsal tunnel syndrome
 US: Ultrasound

All About



New Orleans: So Much to Enjoy in the Big Easy

When you're not at the annual meeting learning about the latest in EDX and NM medicine, take time to enjoy New Orleans, a city rich in music, history, and tradition! New Orleans is one of the world's most fascinating cities, home to a truly unique melting pot of culture, food, and music.

LOCATION & ACCOMMODATIONS

MEETING LOCATION

Hilton New Orleans Riverside
2 Poydras Street
New Orleans, LA 70130

BOOK YOUR ACCOMMODATIONS

Book your accommodations by August 1, 2016, for discounted rates. This year's meeting will be held at the Hilton New Orleans Riverside. Directly across the street from Harrah's Casino, attached to the Outlet Collection at the Riverwalk, and just a few blocks from the French Quarter and Jackson Square, the location can't be beat for enjoying time in the Big Easy. Located right downtown, close to transportation, entertainment, museums, restaurants, and the Mississippi Riverwalk, attendees will enjoy a taste of New Orleans within minutes of the meeting and hotel!

Hilton New Orleans Riverside:

- Standard \$209 per night + tax
- View \$219 per night + tax
- Executive \$259 per night + tax

Book your accommodations by
August 1, 2016,
for discounted rates.
Reserve online at:
www.aanem.org/meeting



All attendees must book accommodations for the 2016 AANEM Annual Meeting through the official Housing Office.

Visit www.aanem.org/getting-to-New-Orleans for more information about registering online, or you may call Central Reservations directly at 800-HILTONS (445-8667). All major credit cards are accepted.

RENTAL CARS

Enterprise Rent-A-Car is offering discounted rates to annual meeting attendees. Please use AANEM customer number L142335 when making your reservation.

FUN FOR ATTENDEES AND GUESTS



COOKING GUMBO YA YA DEMONSTRATION

Wednesday, September 14 • 10:00 am – 12:00 pm
OR Friday, September 16 • 2:00 pm – 4:00 pm
\$50 per person (52 people max)

New Orleans School of Cooking occupies a renovated molasses warehouse that was built in the 1830s in the heart of the French Quarter. Learn how to prepare the distinctive dishes for which New Orleans is famous. Fun is the key ingredient in the kitchen as the entertaining chefs teach the basics of Louisiana cooking, seasoned with history, trivia, and Louisiana lore. Bring your appetite and we'll wash it all down with iced tea and freshly brewed New Orleans Coffee and Chicory.

GARDEN DISTRICT GRANDEUR AND SHOPPING ON MAGAZINE STREET

Wednesday, September 14 • 2:00 pm – 4:30 pm
\$60 per person (100 people max)

Walk through the architecturally phenomenal Garden District to feel as if you've entered an entirely separate city from New Orleans as defined by the French Quarter or, perhaps more specifically, entered a different period of time. Next, you'll check out the current hot spot in New Orleans, Magazine Street. Sometimes referred to as "the Nile of New Orleans", Magazine Street offers everything from fine antique furniture and rugs to handmade pottery and other objects d'art.





ANTIQUING AT M.S. RAU

Thursday, September 15 • 10:00 am – 12:00 noon
\$40 per person (43 people max)

Enjoy an afternoon at M.S. Rau's showroom, a French Quarter landmark for more than 100 years. Their 25,000-square-foot showroom literally overflows with remarkable collections of fine art, exquisite jewelry, and exceptional 18th and 19th - century antiques. Whether you are looking for a rare diamond, a Paul Revere sterling bowl, or a painting by Renoir, you are likely to find it here.

GARDEN DISTRICT AND MANSION TOUR

Thursday, September 15 • 1:00 pm – 3:00 pm
\$75 per person (70 people max)

After touring the architecturally phenomenal Garden District, guests will see the southern hospitality of New Orleans shine at the Elms Mansion. Built in 1869, The Elms Mansion takes over nearly an entire block on oak-lined St. Charles Avenue. Guests will be transported back in time as they meander through the gorgeous parlors and swanky ballroom. Enjoy fresh lemonade and soda as you view this truly remarkable landmark.



JAZZ CLUB CRAWL

Thursday, September 15 • 7:15 pm – 10:15 pm
\$125 per adult (20 people max)

Visit two of New Orleans' oldest Jazz clubs. At New Orleans' Preservation Hall, guests will enjoy an intimate, acoustic New Orleans Jazz concert featuring an ensemble from a current collective of 100+ local master practitioners. Maison Bourbon, Bourbon Street's oldest live Jazz club, is the legendary spot where many of the most notable Jazz musicians (such as Harry Connick, Jr) served their apprenticeships. Guests will enjoy a cocktail and some great Jazz music before returning to the hotel or extending their evening.

CAJUN PRIDE SWAMP TOUR

Friday, September 16 • 8:30 am – 12:30 pm
\$65 per person (200 people max)

Cajun Pride's privately owned bayou offers an authentic and intimate view of the swamp and its inhabitants. Coast along the beautiful cyprus-lined bayou, while your captain shares stories of the Manchac Swamp and the unique history of the historic Cajun town of Frenier.

From the giant blue heron to the American alligator, this drift through the undisturbed waterways of South Louisiana will introduce you to stunning wetland wildlife. As your captain will tell you, "This ain't Disneyland folks! Everything you see here is real!"



DOWN-HOME AIRBOAT ADVENTURE

Saturday, September 17 • 8:45 am – 12:15 pm
\$110 per person (125 people max)

At this family-owned airboat location, expert outdoorsmen show you the bountiful wetlands that surround the city, while sharing swamp stories. Airboats zip through narrow canals lined with moss-covered Cypress trees to wide-open grassy marshes crawling with wildlife. From bullfrogs and alligators, to nutria and bald eagles, there is no telling what will get up close and personal on any given day in the Louisiana swamp.

All prices include round-trip ground transportation, admission charges, taxes, and gratuities. Comfortable shoes and clothing are recommended. While every effort will be made to accommodate tour requests, minimum numbers must be met for a tour to operate. In the event that a tour minimum is not met and a tour must be canceled, AANEM will refund the full payment.

Annual Meeting Activities

EXHIBITS

Learn about new products, therapeutics, and services for the NM practice.

Wednesday: 5:30 PM – 7:00 PM
(President's Reception in Exhibit Hall)
Thursday: 9:00 AM – 4:00 PM
Friday: 9:00 AM – 4:00 PM

ABSTRACT POSTER VIEWING

All abstract research posters will be on display in the Exhibition Center A from Wednesday, September 14 through Friday, September 16. Stop by after the Thursday and Friday Plenary sessions to meet the authors and discuss their research.

- Authors of posters (1-105) available Thursday, September 15, from 11:30 AM – 12:30 PM
- Authors of posters (106-210) available Friday, September 16, from 11:30 AM – 12:30 PM.

ABSTRACT AWARD WINNERS' RECEPTION

Thursday, September 15
5:30 PM -7:00 PM
Exhibition Center A – 1.5 CME

Enjoy an evening celebrating research! Socialize with abstract authors while enjoying snacks, wine, and refreshments. Poster authors will be available for discussion and abstract award winners will present their industry-leading research.

5:30 PM - 6:30 PM: President's Research Initiative Award winners' Presentations and Discussion. Led by AANEM President, Dr. Vern Juel.

6:30 PM - 7:00 PM: Abstract Award winners' research Presentations including: Golseth Young Investigator, Best Abstract, and Best Abstract Runners-Up.



MEETING ATTENDEES CAN ALSO EXPECT:

- Meet the Author Series (Polaroid selfies will be back by popular demand!)
- Education Products
- Discounts and special offers

MORE GREAT THINGS HAPPENING AT THIS YEAR'S MEETING:

Dine Arouds: Dine at local hot spots and network with other colleagues.

Informal Sessions: 30-60 minute session on topics like fraud, laboratory accreditation, and therapeutic nerve hydrodissection.

Health/Wellness Activities: AANEM is going to encourage you to have a healthy time at the annual meeting with a health and wellness activity that could win you prizes!

More information and details available soon at www.aanem.org/meeting



BACK BY *Popular* DEMAND



EARN ADDITIONAL
CME AND SA CREDIT BY
COMPLETING ONE OF THE
DESIGNATED MEETING
SELF-ASSESSMENT
COURSES!

Four courses at the 2016 Annual Meeting will be designated to offer Part II Self-Assessment (SA) credit towards maintenance of certification (MOC).

These opportunities are included free of cost with your general meeting registration!

Completion of a pre-and post-test in addition to course attendance will be required to obtain full SA credit. AANEM will report completion of this SA activity to ABPN and ABPMR.

More information on self-assessment course selection will be available at www.aanem.org/meeting.

TRAINING TRACKS: OPPORTUNITIES TO TAILOR YOUR EXPERIENCE

RESIDENTS & FELLOWS

If you're a physician in training, special opportunities for you to learn & connect include:

- Resident & Fellow Boot Camp
- Resident & Fellow Networking
- Abstract Awards Winners' Reception
- Basics With the Experts Course
- Dedicated Lounge With Expert Visitors

FIRST TIMERS

If this is your first time attending the AANEM Annual Meeting, highlights you don't want to miss include:

- First Time Attendee/New Member Networking Orientation
- 2016 Plenary - Insight & Innovation in NM Medicine
- NM Updates
- Abstract Award Winners' Reception
- Crossfires Course



Social Events

President's Reception

Wednesday, September 14, 5:45 PM - 7:00 PM
Hilton New Orleans Riverside – Grand Ballroom

Cost: Included with meeting registration

The President's Reception is the official kickoff event of the meeting each year. Socialize with attendees and exhibitors while enjoying snacks, wine, and refreshments.

Orientation/Meet & Greet for First Timers

Tuesday September 13, 2016, 5:00 PM - 6:00 PM

If this is your first time attending an AANEM Annual Meeting, join us for a meeting overview, tour of the facility, and recommendations on sessions you won't want to miss.

*Residents & Fellows Social Event

Thursday evening, September 15 (following the Abstract Award Winners' Reception)

Cost: \$25 per person charge (spouses welcome)

We're gathering impeccable food, delicious drinks, and the finest games—so you can focus on having fun with other residents, fellows and their spouses. This exclusive event will be hosted at a local hot spot in New Orleans.

** In the event the minimum number of participants isn't met, this event will be cancelled.*

*Technologist Social Event

Thursday, September 15, 7:00 PM – 10:00 PM

\$25 per person charge (spouses welcome)

Join fellow technologists for food, drinks, and an evening of nostalgia with vintage arcade games! Located just a few blocks away from the event venue, Barcadia features 80's arcade games, skeeball machines, pinball, & more.

2016 Social Event

*Broussard's French Quarter
Fusion Dining Experience:*

Saturday, September 17, 5:15 PM -7:30 PM

*Cost: \$125 per person**

Dishes fashioned with an exotic blend of French and Creole influences have made New Orleans a preferred destination for lovers of inspired cuisine the world over. Located right in the heart of New Orleans' Vieux Carre, or French Quarter, Broussard's merges a mix of classic food, old architecture, and tradition for an experience to remember.

**Price includes hors d'oeuvres and drinks in the private courtyard before enjoying dinner. Restaurant will be closed for this special event. Transportation not included to allow attendees to enjoy the French Quarter before and after dinner.*



(Photo credit Foodographer.net)

Meeting at a Glance

OVERVIEW OF SESSION TYPES

SESSIONS THAT *are included* WITH YOUR REGISTRATION.....

COURSES

Courses are designed for a larger audience and often include presentations with video and multimedia. They will be held on Wednesday, Thursday, and Friday.

PLENARY SESSIONS

The plenary are keynote sessions intended for a large audience which address the focused 2016 meeting topic, Insight and Innovation in NM Medicine. Plenaries begin on Wednesday afternoon, followed by morning plenaries each remaining day of the conference. Each plenary session will also include an award ceremony honoring a variety of designees.

ABSTRACT POSTER SESSIONS

Posters of medical research abstracts chosen for the 2016 annual meeting will be displayed in the Hall of Research from Wednesday morning through Friday evening. Abstract poster authors will also be available to discuss their research on Thursday and Friday after the Plenary. **New this year:** Abstract Award Recipients for the Golseth Young Investigator, Best Abstract, Best Abstract Runners-Up and the President's Research Award will present their industry-leading research and be available for discussion at the Abstract Award Winners' Reception on Thursday evening.

SPECIAL INTEREST GROUPS (SIG)

SIGs vary in size depending on interest in the particular topic. They will be held Wednesday through Saturday.

SYMPOSIA

Symposia sessions vary in size and focus on cutting edge and current topics in NM and EDX medicine.

ASK THE EXPERT

Ask the Expert sessions allow you to pose questions to experts in the field and discuss them with a small group of up to 30 or more participants. They will be held on Thursday and Friday mornings.

New this year: These sessions are now included in your registration fee. Please register for these sessions to help us with room setup. *No breakfast will be provided - be sure to come early and bring your coffee (limited seating available).*

ELECTIVE SESSIONS THAT *require additional registration* (SEE INSERT) AND REQUIRE A FEE

WORKSHOPS

Workshops are small group sessions (6-10 participants) designed for hands-on learning and led by an expert in the field. Typically, there is a subject that workshop participants gather around while the expert teaches a technique or concept. Workshops will be held throughout the day on Wednesday and Saturday.

SMALL GROUP DEMONSTRATIONS

Small group demonstrations are similar to workshops, but are meant for approximately 25-50 attendees.



Wednesday

Sept. 14th

Registration: 7:00 AM - 6:00 PM

Posters: 8:00 AM - 6:00 PM

Exhibit Hall: 5:30 PM - 7:00 PM

Courses All Multi-Level

The Approach to the Pediatric Patient with NM Disorders

Multi-Level • 3 CME/CEU • 8:00 am - 12:00 pm **N**

(1) Discuss the clinical characteristic and diagnostic approach to the pediatric patient with NM disorders, (2) develop a systematic approach to the role of electrophysiology and adjunctive techniques in the pediatric patient, and (3) discuss the latest updates in diagnostics and treatments applicable to the pediatric patient.

Ann Henderson Tilton, MD; Craig Zaidman, MD; Katharine E. Alter, MD; Nancy L. Kuntz, MD; Seth J. Perlman, MD

NM Topics in Sports Medicine

Multi-Level • 3 CME/CEU • 8:00 am - 12:00 pm **N M**

(1) Design EDX testing to most effectively evaluate peripheral nerve injury in athletes, (2) utilize NM and musculoskeletal ultrasound for diagnosis and treatment of sports-related nerve entrapments, (3) diagnose and treat sports-related shoulder and brachial plexus injuries, and (4) learn of the potential benefits and limitations of sports participation in patients with pre-existing NM disorders.

Peter Q. Warinner, MD; Joanne P. Borg-Stein, MD; Chiawen L. Liang, MD; Teena Shetty, MD

Workshops

Basic

Autonomic Testing Using EMG Equipment (W02A)

Basic • 1.5 CME • 8:00 am - 9:30 am **E**

Acquire the skills to (1) perform the two quantitative tests for autonomic function, SSR and heartrate variability studies, and (2) apply this technique into standard EDX practice where appropriate.

Benn E. Smith, MD

NM US (W18A)

Basic • 1.5 CME/CEU • 8:00 am - 9:30 am **N M**

(1) Obtain images with transverse and longitudinal transducer positions, (2) describe how to manipulate basic US instrumentation to include focal depth, Doppler flow, and transducer frequency, (3) describe how muscle, nerve, and tendon appear with US, and (4) discuss the principle of anisotropy.

Francis O. Walker, MD

Open to technologists

Office-Based Injection Procedures (W20A)

Basic • 1.5 CME • 8:00 am - 9:30 am **N M**

(1) Describe the principles underlying the safe and effective performance of office-based procedures; (2) identify contraindications to select office-based injection procedures, identify appropriate patients, prepare and instruct them on what to expect during and after a given procedure; (3) describe and demonstrate commonly performed office-based injection procedures, including trigger-point injections, shoulder and knee injections, bursal injections, carpal tunnel injections, and botulinum toxin injections for migraine and cervical dystonia, and (4) become aware of the complications that may result from office-based injection procedures, how to minimize the chance of complications, and manage complications if they arise.

Michael D. Stubblefield, MD

Myopathies: EDX Approach (W55A)

Basic • 1.5 CME • 8:00 am - 9:30 am **E**

(1) Discuss and interpret myopathic features on EDX studies including distinctive features, (2) explain the EDX features that differentiate myopathic from neuropathic processes, (3) determine muscle selection criteria during EMG studies for myopathies, and (4) explain the different types of myopathies and learn how EDX studies and other testing aids in making the diagnosis.

Jafar Kafaie, MD, PhD

An Interactive Approach to the Skills of EMG Waveform Recognition (W33A-B)

Small Group Demo

Basic • 3.5 CME • 8:00 am - 12:00 pm **E**

(1) Identify the patterns of firing of different types of EMG waveforms, (2) identify the characteristics of a variety of normal and abnormal spontaneous waveforms, (3) recognize normal and abnormal patterns of recruitment of MUAPs, and (4) recognize and understand the significance of the changes in morphology of MUAPs in diseases. Includes audience participation and videos of EMG waveforms.

Devon I. Rubin, MD

Resident and Fellow Boot Camp (W64AB)

Basic • 8:00 am - 12:00 pm **E N**

Limited to residents and fellows, participants will:

(1) demonstrate less commonly used NCSs, (2) review pitfalls associated with common NCSs, and (3) identify which tests (NCS and EMG) constitute the optimal EDX evaluation of the foot as well as how to perform needle EMG in the foot and interpret of these findings.

Lawrence R. Robinson, MD; Bassam A. Bassam, MD; David R. Del Toro, MD

NM US (W18B)

Basic • 1.5 CME/CEU • 10:30 am - 12:00 pm **N M**

See description to left (W18A)

Francis O. Walker, MD

Open to technologists

Office-Based Injection Procedures (W20B)

Basic • 1.5 CME • 10:30 am - 12:00 pm **N** **M**

See description on page 14 (W20A)

Michael D. Stubblefield, MD

Skin Biopsy Technique & Applications (W22B)

Basic • 1.5 CME • 10:30 am - 12:00 pm **N**

(1) Review the development of skin biopsy as a clinical technique, (2) review its current applications and limitations in clinical practice, and (3) discuss the technique involved in obtaining skin specimens to increase providers' comfort level in performing this billable procedure in their own office.

David W. Polston, MD

Myopathies: EDX Approach (W55B)

Basic • 1.5 CME • 10:30 am - 12:00 pm **E**

See description on page 14 (W55A)

Jafar Kafaie, MD, PhD

Autonomic Testing Using EMG Equipment

(W02A)

Basic • 1.5 CME • 10:30 am - 12:00 pm **E**

See description on page 14 (W02B)

Benn E. Smith, MD

Advanced

US MSK Lower Extremity (W57A)

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am **M**

(1) Explain which transducer frequencies are typically used for imaging lower extremity joints in adults, (2) override a differential diagnosis of lower extremity joint pain, (3) identify key landmarks in lower extremity joints using US, and (4) describe the pathologic changes of tendon rupture, tear, and inflammation.

Jeffrey A. Strakowski, MD

Open to technologists

US Upper Extremity Nerves and Plexus (W58A)

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Explain the optimal transducer frequency for imaging upper extremity nerves, (2) identify the median nerve at the wrist, ulnar nerve at the elbow, and brachial plexus using US, (3) describe normal median nerve mobility and the appearance of ulnar nerve dislocation on real-time US, and (4) list the findings of nerve entrapment as may be seen on US and findings in structures other than nerve that may be relevant.

Vanessa Baute, MD

Open to technologists

US MSK Upper Extremity (W60A)

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am **M**

(1) Explain which transducer frequencies are optimal for imaging upper extremity joints in adults, (2) provide a differential diagnosis of joint pain in the upper extremity, (3) identify key landmarks in upper extremity joints using US, and (4) describe the pathologic changes of tendon rupture, tear, and inflammation.

John W. Norbury, MD

Open to technologists

US Upper Extremity Nerves and Plexus (W58B)

Advanced • 1.5 CME/CEU • 10:30 am - 12:00 pm **N**

See description to left (W58A)

Monika Krzesniak-Swinarska, MD

Open to technologists

Chemodenervation (W01M1)

Advanced • 3.5 CME • 8:00 am - 12:00 pm **E** **N**

Observe and discuss patient treatment and EDX techniques involved in administering botulinum toxin for cervical, facial, oromandibular, and limb dystonia, as well as spasticity. An initial didactic session will discuss key issues regarding dystonia and spasticity, therapeutic use of the available botulinum toxins, electrophysiologic characteristics of dystonic firing patterns, chemodenervation techniques, and relevant anatomy. Then rotate through four demonstration sessions that will focus on facial dystonia, cervical dystonia, limb/oromandibular dystonia, and spasticity. Acquire skills to treat patients with dystonia and spasticity using chemodenervating agents. Limited to 75 participants.

Janice M. Massey, MD; Joshua P. Alpers, MD; Atul T. Patel, MD;

Zaeem A. Siddiqi, MD, PhD

US Lower Extremity Nerves and Muscle (W61B)

Advanced • 1.5 CME/CEU • 10:30 am - 12:00 pm **N**

(1) Explain optimal transducer frequencies for imaging lower extremity nerves, (2) identify the tibial nerve at the ankle and knee, the fibular nerve at the knee, and the sciatic and sural nerves using US, (3) describe the branching patterns of tibial, fibular, and sural nerves in the lower extremities, and (4) list expected findings of nerve entrapment as may be seen on US and findings in structures other than nerve that may be significant.

Steven J. Shook, MD

Open to technologists

Multi-Level

NCS Workshop (W62W1)

Multi-Level • 3.5 CME/CEU • 8:00 am - 12:00 pm **E**

Taught by technologist and physician teams with emphasis on hands-on learning and actual case presentations, this half-day session will (1) exhibit how to perform basic NCSs in the upper extremity and lower extremity, (2) show how to perform repetitive stimulation, (3) describe common pitfalls of NCSs, (4) identify the most common mononeuropathies in the upper and lower extremity, and (5) explain how to use this knowledge to work through a case and come up with the correct diagnosis.

Teresa Spiegelberg, CNCT

Open to technologists

Symposiums.....All Advanced

An Integrative Medicine Approach to Treating NM Disease

Advanced • 1.5 CME/CEU • 1:30 pm - 3:00 pm **E** **N** **M** **AP**

(1) Understand the role of integrative medicine in evaluating and managing patients with painful peripheral neuropathy, (2) learn the existing scientific theory behind and evidence for complementary therapies to treat neuropathic pain, (3) review the role of supplements in the treatment of muscle disease and muscular dystrophy, (4) discuss recent integrative modalities in ALS, and (5) apply integrative medicine principles and complementary therapies to your practice.

Vanessa Baute, MD; Danielle L. Zelnik, MD; Alyson M. Hommel, MD

Controversies in Electrodiagnosis

Advanced • 1.5 CME/CEU • 1:30 pm - 3:00 pm **N**

(1) Explain the controversies in the evaluation, diagnosis, and management options in piriformis syndrome and neurogenic TOS, (2) discuss whether the use of EDX studies are over or underutilized in these syndromes, and (3) determine if the addition of diagnostic US has added value in diagnosis of neurogenic TOS.

Michael N. Horner, DO; Shawn J. Bird, MD; Michael T. Andary, MD, MS; Benjamin M. Sucher, DO; Suzanne M. Manzi, MD

Updates in NM Transmission Disorders

Advanced • 1.5 CME/CEU • 1:30 pm - 3:00 pm **E**

(1) Advances in the management of autoimmune MG with emphasis on novel immunosuppressants and thymectomy, (2) overview on congenital myasthenic syndromes (CMS) and difficulties in the diagnosis, and (3) presynaptic disorders: Lambert-Eaton myasthenic syndrome (LEMS) and botulism.

Vita G. Kesner, MD, PhD; Mazen M. Dimachkie, MD; Margherita Milone, MD, PhD

Workshops

Basic

Short Segment NCS (W12C)

Basic • 1.5 CME/CEU • 1:30 pm - 3:00 pm **E**

(1) Explain the sources of experimental error in NCSs, (2) compute the trade off between experimental error and lesion detection, (3) discuss the difference between inching and short segment incremental studies (SSIS), (4) demonstrate across elbow ulnar nerve SSIS technique, and (5) show across wrist median nerve SSIS technique.

William W. Campbell, MD

Open to technologists

Repetitive Nerve Stimulation (W27C)

Basic • 1.5 CME/CEU • 1:30 pm - 3:00 pm **E**

(1) Perform RNS to shoulder, upper arm, hand, and facial muscles, and (2) discuss sequential examination for detecting NM transmission defects, such as artifacts.

Vettaikorumakankav Vedanarayanan, MD, FRCPC

Open to technologists

Office-Based Injection Procedures (W20C)

Basic • 1.5 CME • 1:30 pm - 3:00 pm **N** **M**

See description on page 14 (W20A)

Michael D. Stubblefield, MD

Myopathies: EDX Approach (W55C)

Basic • 1.5 CME • 1:30 pm - 3:00 pm **E**

See description on page 14 (W55A)

Jafar Kafaie, MD, PhD

EMG Muscle ID (W09C)

Basic • 1.5 CME • 1:30 pm - 3:00 pm **E**

(1) Perform anatomic localization of common and unusual muscles, (2) identify methods of selective activation, and (3) apply these techniques when performing the needle EMG examination.

Daniel L. Menkes, MD

Skin Biopsy Technique & Applications (W22C)

Basic • 1.5 CME • 1:30 pm - 3:00 pm **N**

(1) Review the development of skin biopsy as a clinical technique, (2) review its current applications and limitations in clinical practice, and (3) discuss the technique involved in obtaining skin specimens to increase providers' comfort level in performing this billable procedure in their own office.

David W. Polston, MD

NM US (W18C)

Basic • 1.5 CME/CEU • 1:30 pm - 3:00 pm **N** **M**

See description on page 14 (W18A)

Michael S. Cartwright, MD

Open to technologists

Paraspinal Mapping and the Evaluation of Lumbosacral Plexopathy/Radiculopathy

(W46C)

Basic • 1.5 CME • 1:30 pm - 3:00 pm **E** **M**

(1) Establish a clinical and EDX approach to disorders affecting the lumbosacral roots and plexus, and (2) identify and distinguish findings between lumbar radiculopathies versus disorders affecting the lumbosacral plexus.

Andrew J. Haig, MD

Advanced

EMG and US Respiratory (W11C)

Advanced • 1.5 CME • 1:30 pm - 3:00 pm **E**

Focus on EDX and Ultrasound techniques that enable a more accurate diagnosis of NM respiratory failure, including (1) perform phrenic NCSs, (2) utilize techniques for safe needle EMG of the diaphragm (including ultrasound-assisted), (3) localize and perform needle EMG of chest wall muscles, which are helpful in the diagnosis of respiratory failure, and (4) utilize ultrasound for evaluating thickness and contractility of the diaphragm.

Andrea Boon, MD; Jeffrey A. Strommen, MD

EMG Laryngeal (W08C)

Advanced • 1.5 CME • 1:30 pm - 3:00 pm **E**

Develop skills in the clinical and EDX evaluation of vocal cord dysfunction, including (1) perform specific EDX testing of the larynx, and (2) discuss how to evaluate which tests to perform on patients presenting with hoarseness and laryngeal dysfunction.

Michael C. Munin, MD

MUP Quantitation (W16C)

Advanced • 1.5 CME • 1:30 pm - 3:00 pm **E**

Familiarize participants with qualitative analysis of MUP features in a clinical setting, including (1) measure amplitude, duration, and firing rate, and (2) perform different methods of analysis by manual, trigger/delay, and automated methods. Basic skills in needle electrode examination are assumed.

Paul E. Barkhaus, MD

US Guidance for Neurotoxins (W59C)

Advanced • 1.5 CME • 1:30 pm - 3:00 pm **N**

(1) Discuss the pros and cons of using in-plane and out-of-plane US views to guide needle placement, (2) compare and contrast the use of EMG needle guidance, nerve stimulation, and US for identifying neurotoxin targets in patients, (3) identify common targets for needle-guided injections using US, and (4) list the technical challenges of using US for needle guidance.

Katharine E. Alter, MD

US Lower Extremity Nerves and Muscles (W61C)

Advanced • 1.5 CME/CEU • 1:30 pm - 3:00 pm **N**

See description on page 15 (W61B)

Steven J. Shook, MD

Open to technologists

Workshops Open to Technologists

NM US

(W18A) pg. 14, (W18B) pg. 14, (W18C) pg. 16

US MSK Lower Extremity

(W57A) pg. 15

US Upper Extremity Nerves and Plexus

(W58A) pg. 15, (W58B) pg. 15

US MSK Upper Extremity

(W60A) pg. 15

US Lower Extremity Nerves and Muscles

(W61B) pg. 15, (W61C) pg. 17

NCS Workshop

(W62W1) pg. 15

Repetitive Nerve Stimulation

(W27C) pg. 16, (W27AS) pg. 24

Short Segment NCS

(W12C) pg. 16

NCS Pitfalls

(W21AS) pg. 24

NCS Uncommon

(W23AS) pg. 25

Plenary 1

1.5 CME/CEU • 4:00 PM - 5:30 PM

E N M

Insight and Innovation in NM Medicine

Following the Plenary please join us at the

President's Reception

Wednesday, September 14, 5:45 PM-7:00 PM

Cost: Included with meeting registration

Hilton New Orleans Riverside – Grand Ballroom

The President's Reception is the official kickoff event of the meeting each year. Socialize with attendees and exhibitors while enjoying snacks, wine, and refreshments.



Wednesday, Sept. 14

8:00 AM - 12:00 PM

[Full description page 27](#)



Wednesday, Sept. 14

1:30 PM - 3:00 PM

[Full description page 27](#)

Ask the Expert Sessions All Multi-Level

Cost of Ask the Expert sessions is now included with registration fee. Breakfast not provided - seating limited.

Integrative Medicine in NM Disease (R01T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Define integrative medicine and why it is important in NM disease, (2) review the evidence pertaining to neurologic complications of rapid weight loss and nutritional deficiency in common NM diseases including peripheral neuropathy and motor neuron disease, (3) define the role of exercise in NM diseases and how to incorporate as treatment, (4) discuss alternative and complementary therapies for CTS, and (5) review the current evidence for alternative medicine modalities to treat CTS including magnet therapy, yoga, and acupuncture.

Vanessa Baute, MD

Entrapment Neuropathies (R02T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Learn from Robinson how to use the Robinson Index for diagnosis of CTS, (2) review the best approaches for diagnosing ulnar neuropathy at the elbow, and (3) discuss how to formulate prognostic statements in focal neuropathies.

Lawrence R. Robinson, MD

Brachial Plexopathies (R03T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Review the anatomy of the brachial plexus, (2) review how the sensory NCS are applied first to localize the lesion to a particular region of the brachial plexus (i.e., root vs trunk vs division vs cord vs terminal branch), (3) review how the motor NCS and the needle EMG study are used to further characterize the lesion (e.g., pathology, severity, rate of progression), and apply this approach to actual cases.

Mark A. Ferrante, MD

Radiculopathy (R08T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E M**

(1) Discuss the framework for assessing for radiculopathy, (2) explain the optimal examination for radiculopathy that minimizes pain and insures high diagnostic accuracy, and (3) list the limitations of needle EMG.

Timothy R. Dillingham, MD, MS

Effective EDX Report Writing (R11T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

(1) Improve patient care by providing a concise interpretation of EMG data, and (2) assessment of clinical significance of EMG data for the referring physician.

Elizabeth A. Mauricio, MD

Lower Back Pain (R07T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Provide an evidence-based approach to selecting medications to treat back pain, (2) explain the advantages and disadvantages of each of the common approaches to managing back pain, (3) discuss the nonpharmacologic strategies for dealing with back pain, and (4) outline the principles used to decide whether a topical preparation might be a good therapeutic choice for back pain.

Francis P. Lagattuta, MD

Peripheral Neuropathy (R04T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Create a differential diagnosis of peripheral neuropathy and further divide the neuropathies into motor, sensory, and mixed types as well as into demyelinating and axon loss types, (2) discuss an EDX approach to evaluating patients with diffuse polyneuropathies, and (3) discuss treatment options for neuropathies from immunosuppression to neuropathic pain management.

Peter D. Donofrio, MD

MND and its Mimics (R09T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E M**

(1) Identify NM disorders that present with painless weakness and mimic MNDs, (2) distinguish the clinical features of various MNDs (e.g., ALS, monomelic amyotrophy, Kennedy's disease) from one another, and (3) select and interpret appropriate EDX, laboratory, and imaging studies to properly diagnose patients with MNDs and their mimics.

Zachary Simmons, MD

How to Incorporate Genetic Testing into Practice (R10T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

Acquire skills to give an algorithmic approach to ordering genetic tests for patients with suspected hereditary NM disorders.

Anthony A. Amato, MD

Fasciculations, Myotonia and Myokymia (R12T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Define fasciculations, myotonia, and myokymia, (2) explain the physiological basis for these spontaneous phenomena, (3) distinguish the discharges from one another, (4) list the anatomical sites at which these discharges are generated, (5) discuss the diseases and disorders with which these phenomena are associated and their clinical significance, and (6) describe available therapies.

Ludwig Gutmann, MD

Coding for EDX/NMD (R06T)

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **AP**

(1) Explain the basics of EDX and NM CPT coding, (2) discuss basic ICD-10 coding concepts, documentation requirements and pertinent examples, and (3) learn how to appeal denials.

Carrie Winter, RHIA

Special Interest Groups ••• All Multi-Level

Ethics

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am N

(1) Recognize ethical issues in case studies by reviewing realistic cases that illustrate common ethical problems, (2) discuss the utilization of *Guidelines for Ethical Behavior Relating to Clinical Practice Issues in Neuromuscular and Electrodiagnostic Medicine* in particular situations, (3) identify features of a case that distinguish it from other apparently similar cases, (4) acknowledge when exceptions to guidelines are justified, and (5) discuss an approach to solving ethical dilemmas in clinical medicine (concentrating on what is the problem or dilemma, the medical facts, the concerns/values/preferences of the clinicians, the concerns/values/preferences of the patient, the ethical issues, the ethical guidelines at stake, and the practical considerations that need to be addressed.)

David A. Simpson, DO, MS; Mary E. Franklin, CNCT, R. EEG T.; Jerry Morris, CNCT, MS, R.NCS.T.; Raghav Govindarajan, MD

Brachial Plexopathies & Shoulder Girdle Neuropathies

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am E N M

(1) Demonstrate how to utilize EDX to identify and manage both common and uncommon shoulder girdle neuropathies in athletes, (2) explain how to apply EDX to diagnose traumatic plexopathies and determine the role of non-operative and operative care, (3) evaluate for proper nerve donors and recipients, (4) an update on new surgical techniques and the cutting edge surgical nerve transfer and re-construction procedures for peripheral nerve and brachial plexus disorders, and (5) discuss the role of motor NCS, sensory NCS, and EMG in the pre and post-operative evaluation of nerve injuries. Attendees are encouraged to bring their own cases for discussion.

Joseph H. Feinberg, MD

Symposiums ••••• All Advanced

Stem Cell Therapy and Other Novel Therapeutic Approaches in ALS: From Bench to Bedside

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am N

(1) Review the expectation and unmet needs from stem cells and gene therapy in ALS, (2) discuss the preclinical data in ALS supporting novel therapeutic approaches and existing data on trials in people, (3) share the challenges and opportunities for these approaches, (4) explain recent progress in trials designs and pharmacological therapies, (5) discuss novel therapeutics in ALS including use of antisense oligonucleotides for familial ALS, gene silencing approaches for SOD1 and C9orf72 ALS and different stem cell therapies under development, and (6) discuss improving study design in ALS.

Nizar Souayah, MD; Merit E. Cudkowicz, MD, MSC; Jeremy M. Shefner, MD, PhD

How to Help Your Movement Disorders (MD) Colleagues Sort Out Real and Psychogenic MD in Your EMG Lab

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am E N M

(1) Review the description of “kinesiology”, (2) utilize an EMG machine to conduct kinesiology study, and (3) recognize the EMG patterns of the real and psychogenic tremor, myoclonus, and dystonia.

Jau Shin Lou, MD, PhD, MBA; Robert Chen MBB Chair, MSC, FRCP(C)

Biological Therapies in NM Diseases

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am N

(1) Describe the use of intravenous immunoglobulin in immune-mediated NM disease, (2) describe the use of monoclonal antibodies as treatment modalities in NM disease, and (3) discuss recent data stem cell therapy for MG.

Perry K. Richardson, MD; Todd D. Levine, MD

Plenary

Plenary 2

1.5 CME/CEU • 10:00 am - 12:00 pm E N M

Insight and Innovation in NM Medicine

Poster Session

Abstract Poster Session I

1 CME/CEU • 11:30 am - 12:30 pm E N M AP

Abstract Poster viewing - Authors of abstracts 1-105 will be available from 11:30 AM - 12:30 PM to discuss their research.

On Sale Now

4 short & sweet self-assessment tools

Self-Assessments

✦ Clinical Peripheral Neuropathy

✦ Muscle Disease

✦ Diagnostic Peripheral Neuropathy

✦ Ultrasound

Study for the EDX or NM SAEs and earn CME credit

Meet ABPN & ABPMR Maintenance of Certification (MOC) requirements

Order at www.aanem.org/Education

Courses

Basic

Principles of NCS and Needle EMG: What We Measure and What It Means

Basic • 3 CME/CEU • 1:30 pm - 5:30 pm **E**

(1) Review the foundational knowledge required to understand NCS and needle EMG, (2) review the measurements made during the NCS and needle EMG and what they signify, (3) review how the different forms of demyelination and axon loss affects the NCS and needle EMG measurements, (4) present a variety of focal and generalized disorders to illustrate these teaching points, and (5) demonstrate through case studies how appropriate pairing of the sensory NCS is used to localize focal axon loss lesions, how the motor NCS identify the underlying pathology and its severity, and how the needle EMG confirms the NCS findings and further indicates the temporal pace of the underlying process and prognostication.

Mark A. Ferrante, MD; Bryan E Tsao, MD

Basics With the Experts

Basic • 3 CME/CEU • 1:30 pm - 5:30 pm **E N**

(1) Explain the basic concepts underlying NCSs and approach to the study, (2) teach how to correctly perform and interpret NCSs in the upper and lower extremities, (3) review specialized studies including RNS, cranial nerve studies, blink reflex, short and prolonged exercise studies in channelopathies, (4) review the basic concepts of needle EMG and (5) discuss common technical considerations and pitfalls when performing studies and how to troubleshoot them.

Mohammad Salajegheh, MD; Kelly G. Gwathmey, MD; Aaron Izenberg, MD; Joseph M. Choi, MD

Multi-Level

Electrodiagnosis and US of Focal Neuropathies

Multi-Level • 3 CME/CEU • 1:30 pm - 5:30 pm **E N**

(1) Review the capabilities of high frequency US to image the peripheral nervous system, (2) review the important components of the EDX evaluation for assessment of focal neuropathies, (3) review potential contributions of US and EDX for assessment of focal neuropathies including the relative strengths and weaknesses of each, and (4) discuss case examples of challenging focal neuropathies with improved management decisions provided by the information gained from the use of both US and EDX techniques.

Jun Kimura, MD; Michael S. Cartwright, MD; Jeffrey A. Strakowski, MD

Crossfires

Multi-Level • 3 CME/CEU • 1:30 pm - 5:30 pm **E**

(1) If antibody testing and muscle biopsy is always indicated and helpful. The opposing views will help to identify the strengths and challenges of the diagnosis, (2) if quality measures in neuropathy and other NM disorders are useful tools for day to day use, (3) if genetic testing in LGMD is useful, and (4) if the rating scales in NM disorders are useful primarily for research.

Peter D. Donofrio, MD; Neil A Busis, MD; Madhuri Hegde, PhD, FACMG; Pushpa Narayanaswami, MBBS, DM FAAN; Ghazala R Hayat, MD; Anthony A. Amato, MD; William W. Campbell, MD; Vinay Chaudhry, MD; Alan Pestronk, MD

Genetics of Hereditary Neuropathy and Myopathy

Multi-Level • 3 CME/CEU • 1:30 pm - 5:30 pm **E N**

(1) Recognize clinical phenotypes and genotypic overlaps of common inherited neuropathies, distal myopathies, myotonic dystrophies and LGMD, (2) review available tests, and enhance targeted selection of genetic tests, (3) learn recent developments, and (4) devise a safe beneficial exercise program, and recognize the general risks and benefits of exercise for inherited NM disorders.

Bassam A. Bassam, MD; Margherita Milone, MD, PhD; Said R. Beydoun, MD; Teerin Liewluck, MD

ABSTRACT AWARD WINNERS' RECEPTION

Thursday, September 15

5:30 PM - 7:00 PM

[Full description page 10](#)

Show your EDX expertise by becoming
an ABEM diplomate

Registration:

Oct. 1 - Nov. 30, 2016

Exam dates:

March 1 - 4, 2017



ABEM 2017

Are you interested in showing your expertise by taking the only certifying exam focusing on EDX medicine? Registration for the ABEM initial exam opens October 1.

For more information, please visit
www.abemexam.org

Ask the Expert Sessions ... All Multi-Level

Idiopathic Brachial Plexopathy (R21F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N M**

(1) Identify the pertinent anatomy and clinical criteria for the classic phenotype of neuralgic amyotrophy (Parsonage-Turner Syndrome) based on history and physical examination, (2) review the differential diagnosis for idiopathic brachial plexopathy and how EDX and US can be helpful in distinguishing between these possibilities, and (3) describe the natural history and treatment of neuralgic amyotrophy.

John W. Norbury, MD

Pelvic Floor Dysfunction (R22F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N M**

1) Explain why the history and physical are critical in understanding pelvic floor dysfunction, (2) recognize some common MSK masqueraders of pelvic pain and pelvic floor dysfunction, (3) discuss the limitations of EDX in the evaluation of pelvic floor dysfunction, and (4) understand that the history and physical exam are key to establishing a diagnosis in patients with pelvic floor dysfunction.

Andrew H. Dubin, MD, MS

Immune Mediated NM Disorders (R23F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

(1) Discuss current therapies of autoimmune neuropathies, and (2) explain treatment and diagnostic issues.

Clifton L. Gooch, MD

Post Traumatic/Surgical EDX Evaluation (R24F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Discuss common and uncommon post traumatic and post surgical NM disorders, (2) discuss the role of electrophysiologic studies for evaluating post traumatic and post surgical NM disorders, and (3) discuss treatment and outcomes of post traumatic and post surgical NM disorders.

Mark A. Ross, MD

Spasticity (R26F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Review basic and more advanced spasticity assessment and management strategies, (2) differentiate advantages and disadvantages of spasticity and indications for treatment, and (3) discuss nonpharmacologic and pharmacologic management including appropriate use of infusion pumps and injection therapies.

Kathryn A. Stolp, MD, MS

EDX of the Foot (R27F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Which tests (NCS & EMG) constitute the optimal EDX evaluation of the foot, (2) assess the role of needle EMG in EDX of the foot, (3) assess the differential diagnosis for neuropathic foot pain, including entrapment neuropathies in the foot/ankle, (4) compare the electrophysiologic findings and clinical presentation in tarsal tunnel syndrome vs peripheral neuropathy, and (5) evaluate when further work-up is clinically warranted.

David R. Del Toro, MD

Chemodenervation (R28F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N**

(1) Explain the practical aspects of chemodenervation with the botulinum toxins in focal dystonia and spasticity, (2) discuss the role of EMG guidance in the recognition of dystonic EMG patterns and choice of candidate muscles for injection, and (3) discuss dosing differences/relationships among available toxins.

Janice M. Massey, MD

Neuropathic Pain (R29F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N M**

(1) Provide an evidence-based approach to selecting medications to treat neuropathic pain, (2) explain the advantages and disadvantages of each of the common approaches to managing neuropathic pain, (3) discuss the nonpharmacologic strategies for dealing with neuropathic pain, and (4) outline the principles used to decide whether a topical preparation might be a good therapeutic choice for neuropathic pain.

Benn E. Smith, MD

Botulinum Toxin for Pain (R30F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

(1) Cite painful conditions that have been treated with botulinum toxin, (2) review literature support and limitations for treatment of painful conditions using botulinum toxin, (3) summarize techniques that other participants in the roundtable are using for treatment of pain, (4) explain experiences using botulinum toxin for the treatment of pain, and (5) utilize botulinum toxin to manage patients with pain.

Atul T. Patel, MD

Ask the Expert Sessions ••• All Multi-Level

NM US (R31F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N M**

- (1) Explain how NM US is incorporated into an EDX laboratory, (2) discuss NM conditions in which US can improve the diagnosis and treatment, and (3) review the general aspects of billing for NM US.

Francis O. Walker, MD

What Reference Values and NCS Techniques Should I Use in my Practice? (R32F)Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E N M**

- (1) Understand how high quality normative data (reference values) are derived, (2) learn about the normative data taskforce and the results of that effort that identified techniques and reference values for common NCSs that are useful resources for NCSs, and (3) learn how easy it is to incorporate these NCS techniques into your practice.

Timothy R. Dillingham, MD, MS

Special Interest Group ••••• All Multi-Level

Autonomic Disorders in Your PracticeMulti-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

- (1) Review diagnostic criteria for orthostatic intolerance, (2) establish an approach to the evaluation of neurogenic orthostatic hypotension, and (3) review of treatment principles in the management of orthostatic intolerance and neurogenic orthostatic hypotension.

Jasvinder P. Chawla, MBBS, MD, MBA

EMG Reports: Issues of Report Formulation and Conveying InterpretationMulti-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

Improve patient care by providing a concise interpretation of EMG data and assessment of their clinical significance for the referring physician.

Winfried A. Raabe, MD

Symposiums

Advanced •••••

From Primary Demyelination to NodopathyAdvanced • 1.5 CME/CEU • 8:00 am - 9:30 am **N**

Become familiar with the concept of pathology at the node of Ranvier and how it affects nerve conduction testing for primary demyelinating neuropathies.

Mark B. Bromberg, MD, PhD; Hans D. Katzberg, MD

Emerging Tools in the Diagnosis of Muscle DiseaseAdvanced • 1.5 CME/CEU • 8:00 am - 9:30 am **E N M**

- (1) Describe a logical approach to the diagnosis of congenital muscular dystrophy based on clinical and laboratory features, (2) discuss the utility of genomic sequencing in the diagnosis of muscle disease, and (3) discuss the role of US in diagnosing myopathies.

Jahannaz Dastgir, DO; Carsten G. Bönnemann, MD;

Perry K. Richardson, MD

Advanced •••••

Cutting Edge USAdvanced • 1.5 CME/CEU • 1:30 pm - 3:00 pm **N M**

- (1) Discuss imaging of small nerves in the arm and leg, (2) learn/explain the benefits of ultra-high resolution transducers, and (3) learn how to incorporate US into a busy and efficient EDX laboratory.

Michael S. Cartwright, MD; . Lisa D. Hobson-Webb, MD;

Peter Inkpen, MD; David C. Preston, MD;

Michael D. Stabelfield, MD

Plenary

Plenary 31.5 CME/CEU • 10:00 am - 12:00 pm **E N M**

Insight and Innovation in NM Medicine

Poster Session

Abstract Poster Session II1 CME/CEU • 11:30 am - 12:30 pm **E N M AP**

Poster viewing - Authors for posters 106 - 210 will be available Friday, September 16, from 11:30 AM - 12:30 PM to discuss their posters.

Courses ••••• All Multi-Level

MSK Medicine: Toe to HipMulti-Level • 3 CME/CEU • 1:30 pm - 5:30 pm **N M**

- (1) Enhance detail of MSK disorders that are part of the differential diagnosis for leg pain, weakness, and numbness, (2) delineate physical examination procedures to clarify the differential diagnosis of MSK disorders of the lower extremity, and (3) provide algorithms for diagnostic testing for suspected MSK causes of leg pain, weakness, and numbness.

Anthony E. Chiodo, MD; Phillip T. Henning, DO;

Andrew H. Dubin, MD, MS; Ann T. Laidlaw, MD

Neuropathy Associated With Systemic Disease*Multi-Level • 3 CME/CEU • 1:30 pm - 5:30 pm* **N**

(1) Describe the appropriate work-up for neuropathy and malignancy associated with paraproteinemia, (2) determine the diagnosis and management of patients with neuropathy associated with amyloidosis, (3) differentiate among systemic conditions that cause multiple mononeuropathies, (4) review peripheral nerve manifestations of human immunodeficiency virus, and (5) learn the pathologic effects of chemotherapeutic and other pharmaceutical agents on the peripheral nervous system, and devise a management program for patients with chemotherapy-induced neuropathy.

Zachary N. London, MD; Sarah Berini, MD; Raymond S Price, MD; Ryan Jacobson, MD; David M. Simpson, MD;

Michael D. Stubblefield, MD

Immunotherapy in NM Disease: Current Concepts and Future Directions*Multi-Level • 1.5 CME/CEU • 1:30 pm - 5:30 pm* **N**

(1) Recognize the basic mechanism of action and rationale for using available immunotherapies in autoimmune NM disease, (2) describe the approach to managing NM patients with immunotherapies, (3) review the appropriate therapeutic options for specific NM diseases, and (4) discuss immunotherapeutics on the horizon for the treatment of autoimmune NM diseases.

Jeffrey T. Guptill, MD; James F. Howard, MD; Jeffrey Allen, MD;

Matthew N. Meriggioli, MD

Common Polyneuropathies*Multi-Level • 3 CME/CEU • 1:30 pm - 5:30 pm* **N M**

(1) Recognize and evaluate different forms of diabetic peripheral neuropathies including diabetic sensorimotor peripheral neuropathy, neuropathy associated with glucose impairment, treatment induced diabetic neuropathy and diabetic lumbosacral radiculoplexus neuropathy, (2) identify inherited neuropathy and apply an algorithmic approach to genetic testing, (3) assess for association of monoclonal gammopathies with peripheral neuropathy and determine need for further testing and review available treatment options for distal acquired demyelinating symmetric neuropathy, and (4) recognize the different neuropathy phenotypes associated with vitamin deficiencies, medication and toxins and review the prognosis of these conditions.

Michelle L. Mauermann, MD; Christopher Gibbons, MD, MMSc;

Mario Saporta, MD, PhD; Nathan P. Staff, MD, PhD

Support the AANEM Foundation's NEW Initiatives

The AANEM Foundation is now accepting donations for the 2016 Foundation Silent Auction. Held in conjunction with the AANEM Annual Meeting, this event raises funds for the Foundation's research grants, awards, and clinical research fellowships. All proceeds from the auction benefit the AANEM Foundation.

To donate an item to the auction or to make a direct donation to the Foundation, visit www.aanemfoundation.org or email foundation@aanem.org.

Popular auction donations include iPads, cameras, or other electronic devices, jewelry, and vacation home get-aways.

View the research AANEM is co-funding with the Muscular Dystrophy Association at aanemfoundation.org/Research-Grants.aspx



Special Interest Group All Multi-Level

Diabetic Neuropathy

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **AP**

(1) Discuss the possible roles of population screening in diabetic neuropathy, (2) recognize the relevancy of myelinated nerves in diabetic neuropathy, and (3) describe the spectrum of small fiber neuropathy and the roles of skin biopsy.

Amanda C. Peltier, MD; Jau-Shin Lou, MD, PhD, MBA;
Mamatha Pasnoor, MD

Developing Education in NM and EDX

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **N M**

(1) Share knowledge and expertise for educational program improvement, (2) share knowledge and expertise for career development in education, and (3) network with clinician educators to develop and carry out educational research.

Dianna Quan, MD

Instrumentation

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

Discuss (1) basic electronic circuits including Ohms' law and properties of alternating current, (2) electrodes and electrode types, (3) amplifiers, (4) filters, (5) analog to digital conversion, (6) averaging and signal to noise ratio, (7) displays, (8) stimulators and stimulator properties, (9) interference, and (10) electrical safety.

James Lewis, CNCT

Advocacy Challenges in EDX Medicine

Multi-Level • 1.5 CME/CEU • 8:00 am - 9:30 am **AP**

(1) Identify regulatory and reimbursement issues facing AANEM members. (2) discuss challenges and obstacles ahead due to the repeal of SGR and a greater emphasis on quality and alternative payment models, (3) describe AANEM's lobbying and advocacy efforts, (4) discuss how the rapid regulatory changes are affecting our field, and (5) contribute to ongoing advocacy efforts.

Raghav Govindarajan, MD

Workshops

Basic

EMG Needle Basics (W10AS)

Basic • 1.5 CME • 8:00 am - 9:30 am **E**

(1) Utilize electrophysiologic techniques related to the needle EMG, (2) apply a problem-directed approach to the study, (3) identify insertional and spontaneous activity, and (4) recognize the characterization of MUAP morphology and recruitment in normal and diseased states.

Atul T. Patel, MD

Noninvasive Ventilation in NM Disorders (W03AS)

Basic • 1.5 CME • 8:00 am - 9:30 am **N**

(1) Discuss and demonstrate evaluation of sleep apnea and related disorders in a NM clinic, (2) gain hands-on experience with the range of treatments available for NM sleep disorders, including CPAP, BiPAP, noninvasive ventilators, and diaphragmatic pacers, and (3) gain understanding of: physiology; indications for use; equipment and interfaces; programming and data collection; and insurance and coding issues for these disorders.

Clark W. Pinyan, MD, MPH

NCS Pitfalls (W21AS)

Basic • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

(1) Identify common instrumentation, physiologic, and operator errors, (2) alter recording electrode montages and use the instrument's filters to help optimize the recording of motor and sensory potentials, and (3) minimize stimulus artifact interference with waveform recording.

Bassam A. Bassam, MD

Open to technologists

Repetitive Nerve Stimulation (W27AS)

Basic • 1.5 CME/CEU • 8:00 am - 9:30 am **E**

See description on page 16 (W27C)

Vettaikorumakankav Vedanarayanan, MD, FRCPC

Open to technologists

Ulnar Techniques (W32AS)

Basic • 1.5 CME • 8:00 am - 9:30 am **E**

Perform (1) antidromic ulnar digital sensory responses, (2) motor NCS to hypothenar, deep ulnar-innervated musculature, (3) stimulation/recording techniques for dorsal ulnar cutaneous, first dorsal interosseous, and medial antebrachial cutaneous, and (4) mid-palm and inching techniques.

William W. Campbell, MD

Paraspinal Mapping and the Evaluation of Lumbosacral Plexopathy/Radiculopathy (W46AS)

Basic • 1.5 CME • 8:00 am - 9:30 am **E M**

See description on page 17 (W46C)

Andrew J. Haig, MD

Integrating EMGs and US in Sports Injuries (W38AS)

Basic • 1.5 CME • 8:00 am - 9:30 am



(1) Describe the symptoms and expected physical exam for an injured athlete with a sprained ankle and a peroneal nerve stretch injury, (2) list the neurodiagnostic findings expected in a pitcher with neurogenic TOS, and (3) cite the differential diagnosis in a gymnast with pain and weakness in her right shoulder.

Gait Disorders in NM Disease (W41AS)

Basic • 1.5 CME • 8:00 am - 9:30 am



(1) Discuss the common pathologic gait patterns seen in NM disease, (2) discuss how EDX findings can explain why pathologic gait patterns occur, (3) identify strategies that help compensate for the underlying biomechanical deficit so as to decrease fall risk.

James K. Richardson, MD

Cervical Radiculopathy/Brachial Plexopathy (W45AS)

Basic • 1.5 CME • 8:00 am - 9:30 am



(1) Review the anatomy of the brachial plexus, (2) review the course through the brachial plexus that the sensory axons take for each sensory NCS, (3) discuss how the sensory NCS are paired so that lesion localization can be determined (i.e., to a specific brachial plexus element), (4) review how the motor NCS and the needle EMG study are used to further characterize the lesion (e.g., pathology, severity, rate of progression, prognosis), and (5) how to apply this approach to actual radiculopathy and plexopathy cases.

Mark A. Ferrante, MD

Advanced

Botulinum - Beyond Spasticity and Dystonia (W63AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



This workshop will review some of the off label uses of botulinum toxins. Participants will (1) List some of the painful conditions botulinum toxin has been used to manage, (2) contribute to the discussion their experience with botulinum toxins, and (3) investigate some of the theoretical reasons for use of botulinum toxin in painful conditions.

Michael T. Andary, MD, MS

EMG Evaluation of Tremor (W17AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



(1) Discuss single and multiple channel recording techniques for tremor, (2) compare and contrast the usefulness of needle versus surface EMG in conducting tremor analyses, and (3) recognize common tremor patterns seen in Parkinson's disease, essential tremor, dystonia, and orthostatic tremor.

Mark Hallett, MD

NCS Uncommon (W23AS)

Advanced • 1.5 CME/CEU • 8:00 am - 9:30 am



(1) Place stimulating and recording electrodes for optimal recordings of uncommon nerves, (2) adjust the stimulation intensity and duration, and (3) adjust machine settings for appropriate recordings.

Eric J. Sorenson, MD

Open to technologists

Measuring Jitter With Concentric Electrodes (W07AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



(1) Demonstrate how jitter can be measured using concentric electrodes, and (2) identify machine settings and limitations. Must be familiar with the basic concepts of SFEMG.

Donald B. Sanders, MD

Cranial NCS and EMG Testing (W05AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



Familiarize participants with neurophysiological testing of the cranial nerves, including the performance of (1) blink reflexes with both electrical and mechanical stimuli, (2) seventh NCSs, and (3) eleventh nerve testing. EMG of key muscles that complement the cranial NCS will also be discussed.

Kathleen D. Kennelly, MD, PhD

Advanced Autonomic Testing (W50AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



Familiarize participants with three quantitative tests of autonomic function using specialized equipment designed for autonomic reflex function testing: (1) sudomotor testing, (2) cardiovagal testing with heart-rate response to deep breathing, and (3) Valsalva maneuver testing to evaluate cardiovagal and adrenergic function.

Amanda C. Peltier, MD

Most Reliable Techniques for CTS EDX (W53AS)

Advanced • 1.5 CME • 8:00 am - 9:30 am



(1) Perform the NCS techniques required for the CTS Sensory Index, (2) design an EDX study for a patient with possible CTS, and (3) recite the most common pitfalls in EDX testing for CTS.

William S. Pease, MD

Multi-Level

SFEMG Basic/Advanced (W31AS)

Multi-Level • 1.5 CME • 8:00 am - 9:30 am



Acquire skills in SFEMG recordings using volitional and axonal microstimulation techniques. Registrants are expected to be familiar with the basic concepts of SFEMG techniques.

James M. Gilchrist, MD

Plenary

Plenary 4

1.5 CME • 10:00 AM - 12:00 PM



Insight and Innovation in NM Medicine

Meeting Objectives & Notes

The 2016 annual meeting will focus on improving patient care, medical knowledge, interpersonal communication, professionalism, and systems-based practices in the following areas: neuropathies, updates in NM disorders including CIPD, emerging gene therapies for NM disease, hyperexcitable membranes, iatrogenic and autoimmune disorders, EDX for focal neuropathies, genetics, infection, stem cell therapy, US and MSK disorders.

After attending this activity, attendees will:

- Enhance their ability to obtain a comprehensive patient history and examination; improve their ability to develop a differential diagnosis and direct appropriate diagnostic work-ups; and assess rehabilitation potential for patients with NM and MSK diseases. (Patient care)
- Develop technical skills necessary to perform neurologic, EDX, and rehabilitative procedures; identify and describe important EDX, biopsy, genetic, radiological, and US findings; develop awareness about the side effects of drug therapies and their management; and understand updated information on the genetic basis of NM disorders and their treatment. (Medical knowledge, Practice based learning)
- Improve ability to communicate with and educate patients, families, and members of the healthcare team; develop awareness of ethical and biomedical legal issues related to patient care; enhance awareness of patient confidentiality issues as they relate to patient care; demonstrate professionalism in clinical, research, and academic practice; and demonstrate skills in end-of-life care and withdrawal of support. (Interpersonal communication skills, Professionalism)
- Develop awareness of cost effectiveness of diagnostic studies and treatments and resource limitations in health care; identify and access supportive healthcare services and mechanisms that improve patient care and patient quality of life. (Systems-based practice)

Accreditation Statement

The AANEM is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

This live activity has been approved for AMA PRA Category 1 Credits™.

The Royal College of Physicians & Surgeons of Canada

Activities held outside of Canada developed by a university, academy, specialty society or other physician organization can be recorded as accredited group learning activities under Section 1 of the Royal College of Physicians and Surgeons of Canada's Maintenance of Certification (MOC) Program. The AANEM is a physician organization accredited by the ACCME.

American Society of Electroneurodiagnostic Technologists

ASET – The Neurodiagnostic Society has granted ASET Continuing Education Units [ASET – CEUs] for this program. Such crediting, however, should not be construed by program participants as an endorsement of any type of instruments or supplies mentioned or involved in these presentations

Self-Assessment Credit

Four courses at the 2016 annual meeting will be designated to offer Part II MOC Self-Assessment credit. Completion of a pre- and post-test in addition to course attendance will be required to obtain full self-assessment credit. AANEM will report completion of this self-assessment activity to ABPN and ABPMR. More information will be available at www.aanem/meetings.





(Photo credit Pat Garin)

AANEM is proud to collaborate with the Myasthenia Gravis Foundation of America and the Peripheral Nerve Society to provide the most up to date information and research to our members.



Myasthenia Gravis Foundation of America (MGFA) Symposium

Wednesday, September 14,
8:00 AM - 12:00 PM

The MGFA Medical/Scientific Advisory Board presents a scientific session highlighting research in the area of Myasthenia Gravis and myasthenic disorders. This session is the premier annual event around the US and world related to the pathogenesis, immunology, diagnosis, and treatment of MG and related disorders of the NM junction. Program will include leaders in MG research from the scientific and clinical areas.



Peripheral Nerve Society

Wednesday, September 14,
1:30 PM - 3:00 PM

AANEM is honored to have Peripheral Nerve Society (PNS) join our annual meeting. This year, PNS will feature "Biological basis of neuropathy: from molecular causes to therapy" as their topic.

Featured speakers:

The Genetic Causes of Neuropathy

Prof Steven Scherer

University of Pennsylvania, Philadelphia, PA

Mechanisms for Recovering from Neuropathy

Prof Ahmet Hoke

Johns Hopkins University, Baltimore, MD

Upcoming Treatments in Neuropathy

Prof David Cornblath

Johns Hopkins University, Baltimore, MD



Join Us for Future Meetings

» Phoenix, Arizona
September 13-16, 2017

» Washington, DC
October 10-13, 2018

» Austin, TX
October 16-19, 2019

» Orlando, FL
October 7-10, 2020

(Photo credit Pat Garin)