



**2018 Annual Meeting of the Central Society of
Electroneurodiagnostic Technologists**

**CSET ANNUAL MEETING
APRIL 13 & 14, 2018**

The Kahler Grand Hotel

20 2nd Ave SW, Rochester, Minnesota 55902
Hotel Direct: 507-280-6200
Toll Free Reservations Center: 800-533-1655

Group rates under: **Mayo Clinic-CSET**
Available until March 22, 2018

Room Type(s)	Single	Double	Triple	Quad
Basic King	\$109	\$109	\$124	\$139

covered parking garage is conveniently connected to the hotel.
Self-parking - \$16.00 plus tax
Valet parking - \$24.00 plus tax



President:

Sara Batson
Batson.sara@mayo.edu

Local Arrangers

Cindy Nelson
Mayo Clinic

Who Should Attend:

This symposium is designed for electroneurodiagnostic professionals to develop or augment their knowledge. Reminder: ASET CEUs are required for ABRET recertification.

*ASET CEUs are applied for**

*The American Society of Electroneurodiagnostic Technologists has granted ASET Continuing Education Credits 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.

CSET SOCIAL

Where: Kahler Grand Hotel, Heritage room

When: Friday April 13, 2018 at 5:00pm

What: hors d'oeuvres and cash bar

WHO: All CSET attendees, speakers, and vendors are invited to attend.

Please stop by to join us. There is no additional charge for attending the social.

Vendor booths will be on site during the days of the meeting.

We want to encourage you to take opportunity to visit the vendor booths to check out the variety of equipment and supplies available.



*Thank you to the vendors who
played a vital role in
sponsoring
the 2018 Annual CSET
Meeting.*

Friday, April 13, 2018**Course 1: IONM****Course Director: Patty Warf, MS, CNIM, FASNM, LSSGB
& Michelle McHugh, CNIM, R.EEGT.**

07:50-08:00	Announcements
08:00-09:00	LQP Talk Part 1 (The basics) Ernesto Lima MD, D. ABNM, CNIM
09:00-10:00	LQP Part 2 (Advanced LQP with Case presentations) Cervical Procedures (myelopathy) Ernesto Lima MD, D. ABNM, CNIM
10:00-11:00	Bulbocavernosus Responses & Surgical Applications Stan Skinner MD, FACNS, FASNM
11:00-11:15	Vendor Break
11:15-12:00	Clinical Evidence from INTRA-Muscular Recordings Stan Skinner MD, FACNS, FASNM
12:00-13:30	CSET Business Lunch
13:30-14:30	The Use and Benefits of Nerve Monitoring in a Peripheral Nerve Surgeon's Practice Robert Spinner MD, FACS, FAANS
14:30-15:30	Techniques for Brainstem Auditory Evoked Responses and Clinical Significance Larry Wierzbowski AuD, D. ABNM, FASNM, BCS-IOM
15:30-15:45	Vendor Break
15:45-16:45	Processes and Indicators that Drive Quality Assurance in IONM and Best Patient Outcome Cheryl Wiggins AuD, D.ABNM, CNIM

Saturday, April 14, 2018**Course 1: IONM****Course Director: Patty Warf, MS, CNIM, FASNM, LSSGB
& Michelle McHugh, CNIM, R.EEGT.**

07:50-08:00	Announcements
08:00-09:00	Interesting cases i.e....DLIF/XLIF Ernesto Lima MD, D. ABNM, CNIM
09:00-10:00	Dermatomal evoked potentials: are they useful? Matt Cotton, MS, CNIM, FASNM –
10:00-10:30	Vendor Break
10:30-11:30	Utility of IONM during Shoulder Arthroplasty Procedures Cheryl Wiggins AuD, D.ABNM, CNIM
11:30-12:00	Panel Discussion
12:00-13:00	Lunch
13:00-14:00	IONM & Process Improvement Strategies MeChelle Vance MBA, MS, R.EEG/EPT, CNIM, CLTM
14:00-15:00	IONM for Revision Hip Arthroplasty Lawrence Wierzbowski AuD, DABNM, FASNM
15:00-15:30	Radiation Safety – Why Caution Surgical Imaging Patty Warf RN, MS, CNIM, LSSGB, FASNM, FASET

Friday April 13, 2018

Course 2: EMU

Course Directors: Cindy Nelson, R.EEG T.

Sara Batson, BS, R. EEG/EP T., CNIM, CLTM, RPSGT

07:50-08:00 Announcements

08:00-08:45 Pediatric Seizures and Seizure Mimics
Dr. Lily Wong-Kisiel

08:45-09:30 How to Increase the Yield of Your Routine EEG Recording
Dr. Elson So

09:30-09:45 Vendor Break

09:45-11:00 Advances in Surgical Treatment of Epilepsy
Sanjeet Grewal, MD

11:00-12:00 Pediatric Epilepsy Monitoring Unit: Who, What, and Why?
Dr. Katherine Nickels, MD

12:00-13:30 CSET Business Lunch

13:30-14:15 EEG Source Localization in Epilepsy
Benjamin H. Brinkmann, PhD

14:15-15:00 Memory Enhancement Through Electrical Brain Stimulation
Khadjevand, Fatemeh (Mehraneh), M.D., M.P.H

15:00-15:15 Vendor Break

15:15-16:00 Seizure Interviews and Patient Safety
Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASNIM

Saturday, April 14, 2018

Course 2: EEG

Course Director: Shawn Carter-Brown R.EEG T., CLTM, CNIM

07:50-08:00 Announcements

08:00-09:00 Ambulatory EEG from Field to Yield
Pat Trudeau R.EEGT, CLTM, FASET

09:00-10:00 SEEG
Brian Owens, CLTM, CMEG, R.EEG T., R.EPT, CNIM

10:00-10:30 Vendor Break

10:30-12:00 ILAE Pediatric Epilepsy Syndrome Classifications
Jennifer Vierkant, R.EEG/EPT., CLTM, RPSGT

12:00-13:00 LUNCH

13:00-14:00 EEG and Seizure Semiology in Pediatrics
Dr. Elaine Wirrell

14:00-15:00 Pattern Recognition
Tom Wiersema, CNIM, R. EEG T.

15:00-15:15 Lunch Break

15:15-16:30 Neonatal EEG
Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASNIM

Friday, April 13, 2018**Course 3: Advanced ENDT/Autonomics****Course Director: Pat Trudeau, R.EEG T., CLTM, FASET**

- 08:00-08:15 Welcome
- 0815-09:00 MEG for Special Studies
Brian Owens R.EEG/EP T., CLTM, CNIM,CMEG
- 09:00-10:00 HIPAA in a Connected World
Simon Griffin, BS
- 10:00-10:30 Vendor Break
- 10:30-11:30 Electrophysiological Evaluation of Cranial Nerve Disorders
Dr. William Litchy
- 11:30-12:00 So, you want to be an EEG Entrepreneur (tips and hints about launching an EEG Business)
Marco Mareno, MA, R.EEG T.
- 12:00-13:30 Business Lunch

Afternoon Autonomics

- 13:30-14:15 **Common Autonomic Disorders: Testing and Treatment**
He will provide some background and context, then focus on diagnosis, testing, and treatment of small fiber neuropathy (SFN), MSA, POTS and syncope.
Dr. Jeremy Cutsforth-Gregory
- 14:15-15:15 **The Comprehensive Autonomic Reflex Screen**
He will discuss the individual tests of the Autonomic Reflex Screen (ARS) – QSART, Tilt, HRDB & VM
Jim Schmelzer, R. EEG T, CAP
- 15:15-15:30 Vendor Break
- 15:30-16:30 **The ARS in screen shots**
She will present 4 “case studies” on patients with SFN, MSA, POTS & syncope.
Jeanne Corfits, CAP

Saturday, April 14, 2018**Course 3: ICU/cEEG****Course Director: Sara Batson, BS, R. EEG/EP T., CNIM, CLTM, RPSGT**

- 07:50-08:00 Announcements
- 08:00-09:00 ICU cEEG Case Presentation & Record Review
Brian Owens R.EEG/EPT., CNIM, CLTM & Jennifer Vierkant R.EEG/EPT, CLTM, RPSGT
- 09:00-10:00 Trending
Tom Wiersema, CNIM, R. EEG T.
- 10:00-10:30 Vendor Break
- 10:30-11:30 ACNS Terminology for Neonates
Amanda Ritchey BS., R.EEGT., CNIM
- 11:30-12:00 Panel Discussion/ Q&A
Jennifer Vierkant, Sara Batson, Tom Wiersma, Amanda Ritchey, Stacey Askelson, Brian Owens
- 12:00-13:00 LUNCH
- 13:00-14:00 The cEEG ICU Experience
Jennifer Vierkant R.EEG/EPT., CLTM, RPSGT
- 14:00-15:00 ACNS Terminology in Adults & Peds
Amanda Ritchey BS, R.EEGT., CNIM, CLTM
- 15:00-15:15 Vendor Break
- 15:15-16:30 Innovative Electrode options
Stacey Askelson R.EEGT., CNIM

Friday Courses, April 13, 2018

Payment sent on or before April 6, 2018

Course 1: IONM		
CSET Member	Non-Member	Student*
\$100.00 _____	\$140.00 _____	\$40.00 _____
Course 2: EMU		
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\$100.00 _____	\$140.00 _____	\$40.00 _____
Course 3: Advanced ENDT/Autonomics		
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Saturday Courses, April 14, 2018

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\$100.00 _____	\$140.00 _____	\$40.00 _____

*Students shall be defined as any individual currently enrolled in a program reviewed by the Committee on Accreditation for Education in Electroneurodiagnostic Technology (CoA-END) and accredited by the Commission on Accreditation of Allied Health Education Programs. Verification of student status must accompany application. Verification will also be required at sign in.

Membership Dues enclosed \$25 (\$15 students) \$ _____

Registration Fee enclosed \$ _____
Make checks payable to CSET. There will be a \$25 returned check fee.

For Credit Card Payments- there is a 2.75% charge for credit card payments

Card Type (Circle one) Mastercard Visa Discover American Express

Card# _____ Exp date _____

Security# _____ (3 digit number on back of card or 4 digit number on Front of American Express card)

Billing name and address (please fill in completely)

Name: _____

Street Address: _____

City: _____ State _____ Zip _____

REGISTRATION INFORMATION (Please Print Legibly)

Name: (For name tag) _____

Credentials _____

Company/Institutional Affiliation _____

Mailing Address: _____

Preferred Phone # _____ Work or Home (Circle)

E-mail Address: _____

Your e-mail is required in order for you to access handouts from Dropbox.

Send to:
Pat Trudeau
10131 Westby Rd
Marshfield, WI 54449
PAT.TRUDEAUEEG@GMAIL.COM

CSET MEMBERSHIP SCHOLARSHIP

Two 2018 CSET Scholarships are available.
All applicants must be members of CSET.
CSET Officers and Board Members are not eligible for
the scholarship. This will include a two-day registration fee waiver.

Send application to:
Pat Trudeau
10131 Westby Rd
Marshfield, WI 54449
PAT.TRUDEAUEEG@GMAIL.COM

DUE BY April 6, 2018

Please Print
Applicant's Name: _____

Employer Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Work Phone: _____

E Mail Address: _____

Please attach a brief essay on your goals in attending the 2018 CSET meeting along
with how this scholarship will help achieve them. Notification of award will be
made at arrival for registration.

CSET OUTSTANDING EDUCATOR AWARD

Do you know a CSET member that has a reputation for commitment to education in
the field of electroneurodiagnostics? Would you like to nominate them for
recognition at the Annual 2018 CSET Meeting in Milwaukee, Wisconsin?

Please submit a brief essay with your nomination before April 6, 2018 to:

Patti Baumgartner
CSET Outstanding Educator Award Chair
E-mail: patti_baum@sbcglobal.net