2015 Annual Meeting of the Central Society of Electroneurodiagnostic Technologists

CSET ANNUAL MEETING
APRIL 9 and 10, 2015

CSET
Embassy Suites Chicago – Lombard/Oak Brook
707 East Butterfield Road
Lombard, IL 60148
CSET Meeting

Phone: 630-969-7500

Web:

President:
Shawn Brown
brown.shawn@marshfieldclinic.com

Local Arrangers
Erika Miranda
Brad Copenhaver

Who Should Attend:
This symposium is designed for electroneurodiagnostic and polysomnography care professionals to develop or augment their knowledge. Reminder: ASET ACE continuing education credits are required for ABRET recertification.

ASET “ACE” Credits applied for.*

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

BRPT also accepts the ASET “ACE” credits for maintaining your PSG registry.
Welcome to the Central Society of Electroneurodiagnostic Technologists Annual Meeting to be held in Lombard, IL, April 9-10, 2015, at the Embassy Suites Chicago-Lombard/Oak Brook Hotel.

This is your opportunity to convene with other professionals for camaraderie and to strengthen your knowledge in the challenging and rewarding fields of END and polysomnography.

Again this year we are offering two days of three courses each day with a variety of basic and advanced topics. These courses will fulfill continuing education credits.

Please review the brochure to register for the educational and informational courses in the END and Polysomnography fields.

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 2015 Annual CSET Meeting.
Thursday, April 9, 2015
Course 1: LTM/ICU
Course Director: Pat Trudeau, R.EEG T, CLTM, FASET

8:00-8:15 Welcome/Announcements
8:15-9:00 Seizure classification update
    Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASET
9:00-9:45 Electrode Options with CT/MRI Imaging
    Leah Hanson, R.EEG/EP T
9:45-10:00 Vendor Break
10:00-10:45 LTM/ICU trending
    MeChelle Vance, R.EEG/EPT, CNIM, CLTM, BS
10:45-11:30 cEEG Guidelines: ACNS & Consensus Statement: Let’s Take a Closer Look
    Rebecca Clark-Bash, R.EEG/EPT., CNIM, CLTM, FASNM
11:30-12:00 ABRET Neurodiagnostic credentialing and Accreditation Update
    Diane Liesen, R.EEG/EPT, CLTM, MA
12:00-1:00 Lunch
1:00-1:45 LTM with Case Studies
    Sasha Wu, MD, PhD
1:45-2:30 Pattern recognition of Pediatric EEGs
    Chalongchai Phitsanuwong, MD
2:30-3:15 Recent Advances in Epilepsy Research
    Charles Marcuccilli, MD
3:15-3:30 Vendor Break
3:30-4:15 Case Studies from the cICU
    Pat Trudeau, R.EEGT, CLTM, FASET

6.5 ACE credits requested

Friday, April 10, 2015
Course 1: Advanced END
Course Director: Shawn Brown, R.EEG T, CLTM

7:50-8:00 Welcome/Announcements
8:00-9:00 Let’s Walk Around the Web…An Educational Website Update for END
    Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASET
9:00-10:15 cEEG & The Remarkable Impact on Our Field-The EXPLOSION BEGINS
    Rebecca Clark-Bash, R.EEG/EPT., CNIM, CLTM, FASNM
10:15-10:45 Vendor Break
10:45-12:00 Licensure, If Not Now When?
    Bradley Hix, MA
12:00-13:00 Lunch with Business Meeting
13:00-14:00 Refractory Epilepsy
    Dr. Michael Kohrman MD
14:00-15:00 BAER from Outer Ear to Inferior Colliculus
    Mark Ryland, AuD, R NCS T, RPSGT, R EPT, CNCT
15:00-15:30 Break
15:30-16:30 VNG (Video Nystagmography) A Procedure Overview!!!
    Mark Ryland, AuD, R NCS T, RPSGT, R EPT, CNCT
16:30-17:00 Round Table Q & A

6.0 ACE credits requested
Thursday, April 9, 2015
Course 2: Basic EEG
Course Director: Phyllis Videtich, R EEG T

8:00-8:15 Welcome/Announcements
8:15-9:15 Creativity in EEG: Montage Selection
Steve Bild, BS, R.EEG/EPT, CNIM
9:15-10:30 “I’ve got Rhythm” Pattern Recognition
Connie Kubiak; R EEG/EP T., CNIM, CLTM
10:30-10:45 Vendor Break
10:45-12:00 Customizing Seizure Assessment
Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASET
12:00-13:00 Lunch
13:00-14:00 Orderly Analysis of the EEG
Ed Carlson, R.EEG/EPT, CNIM
14:00-14:15 Vendor Break
14:15-15:15 Electronics
Brett Netherton, MS, FASNM
15:15-16:15 Non-Epileptic Seizures
Sherry Nehamkin, R.EEG/EPT., CNIM, CLTM, FASET

6.5 ACE credits requested

Friday, April 10, 2015
Course 2: Polysomnography
Course Director: Linda Berry, RPSGT

8:00-8:15 Welcome and Announcements
8:15-9:15 Dealing with Difficult Patients
Penny Grunder, AAS, BS, RPSGT
9:15-10:15 Medication and Sleep
Greg Miller, RPSGT
10:15-10:30 Vendor Break
10:30-11:00 EtCO2 Testing
David Stockdale, BS, RPSGT
11:00-12:00 The Importance of Recognizing Sleep Disorder
Breathing in a Hospital Setting
Scott Barth, RRT, RPSGT Regional Clinical
Specialist Res Med
12:00-13:00 LUNCH with Business Meeting
13:00-14:00 Non CPAP Treatment for Sleep Apnea
Greg Miller, RPSGT
14:00-15:00 After all these years, why didn’t I know that?
Penny Grunder, AAS, BS, RPSGT
15:00-15:15 Vendor Break
15:15-16:45 Central Sleep Apnea, Diagnosis & Treatment
Dr. Mahadevia, Medical Director, Trinity Sleep Clinic

7.0 ACE credits requested
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:30</td>
<td>Welcome/Announcements and set up for 1st speaker</td>
<td></td>
</tr>
<tr>
<td>8:30-9:30</td>
<td>TCeMEP: The right way, the wrong way, and the half #ed way!</td>
<td>Rebecca Clark-Bash, R.EEG/EPT., CNIM, CLTM, FASNM</td>
</tr>
<tr>
<td>9:30-9:45</td>
<td>Vendor break</td>
<td></td>
</tr>
<tr>
<td>9:45-10:45</td>
<td>The value of SSEPs and “Dermatomes” in IONM; are they worth it?</td>
<td>Matt Cotton, CNIM</td>
</tr>
<tr>
<td>10:45-11:45</td>
<td>Body Habitus and Volume Conduction Challenges</td>
<td>Brett Netherton, MS, FASNM, CNIM &amp; MeChelle Vance, BA, R.EEG/EPT, CNIM, CLTM</td>
</tr>
<tr>
<td>11:45-13:00</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:00-14:00</td>
<td>Optimal Use of EEG During IONM Monitoring</td>
<td>Sabrina Faust, R.EEG/EPT, CNIM, CLTM</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td>Creating Functional Cortical Mapping</td>
<td>Ed Carlson, R.EEG/EPT, CNIM</td>
</tr>
<tr>
<td>15:00-15:15</td>
<td>Vendor Break</td>
<td></td>
</tr>
<tr>
<td>15:15-16:15</td>
<td>Strategizing to Attain Optimal Intraoperative Waveform Recordings</td>
<td>Clare Gale, BS, CNIM, R.EEG/EPT, FASNM</td>
</tr>
</tbody>
</table>

6.0 ACE credits requested

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:30</td>
<td>Welcome/Announcements and set up for 1st speaker</td>
<td></td>
</tr>
<tr>
<td>8:30-9:30</td>
<td>Auditory Evoked Potential Pathway and Waveform Correlation</td>
<td>Rebecca Clark-Bash, R.EEG/EPT., CNIM, CLTM, FASNM</td>
</tr>
<tr>
<td>9:30-9:45</td>
<td>Vendor Break</td>
<td></td>
</tr>
<tr>
<td>9:45-10:45</td>
<td>Variables in Pedicle screw Monitoring</td>
<td>Larry Wierzbowski, AuD, DABNM, FASNM</td>
</tr>
<tr>
<td>10:45-11:45</td>
<td>The Future of Technology and Expert Systems in Neuromonitoring</td>
<td>Brett Netherton, MS, FASNM, CNIM</td>
</tr>
<tr>
<td>11:45-13:15</td>
<td>Lunch with Business Meeting</td>
<td></td>
</tr>
<tr>
<td>13:15-14:15</td>
<td>Effective Cranial Nerve Strategies</td>
<td>Patty Warf, MS, RN, CNIM</td>
</tr>
<tr>
<td>14:15-15:15</td>
<td>Advanced Case Review</td>
<td>James Watt, BS, CNIM, REPT</td>
</tr>
<tr>
<td>15:15-15:30</td>
<td>Vendor Break</td>
<td></td>
</tr>
<tr>
<td>15:30-16:30</td>
<td>IONM for Minimally Invasive Lumbar Procedures</td>
<td>Herb Wilde, CNIM</td>
</tr>
</tbody>
</table>

6.25 ACE credits requested
### Thursday Courses, April 9, 2015
Payment sent before March 31, 2015

<table>
<thead>
<tr>
<th>Course 1: LTM/ICU</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 2: Basic EEG</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 3: IONM</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

### Thursday Courses, April 9, 2015
Payment sent after March 31, 2015

<table>
<thead>
<tr>
<th>Course 1: LTM/ICU</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 2: Basic EEG</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 3: IONM</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

### Friday Courses, April 10, 2015
Before March 31, 2015

<table>
<thead>
<tr>
<th>Course 1: Advanced END</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 2: Polysomnography</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 3: IONM</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$99.00</td>
<td>$119.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

### Friday Courses, April 10, 2015
After March 31, 2015

<table>
<thead>
<tr>
<th>Course 1: Advanced END</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 2: Polysomnography</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course 3: IONM</th>
<th>CSET Member</th>
<th>Non-Member</th>
<th>Student*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$109.00</td>
<td>$129.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

*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

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:________________________________________________________________

Fax ____________________________

Send to:

Erika Miranda, CSET Treasurer
228 55th Street
Downers Grove, IL 60515
e.miranda24@yahoo.com
CSET MEMBERSHIP SCHOLARSHIP

Two 2015 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:
Erika Miranda
Scholarship Chair
228 55TH Street
Downers Grove, IL 60515
e.miranda24@yahoo.com

DUE BY March 28, 2015

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 2015 CSET meeting along with how this scholarship will help achieve them. Notification of award will be made at arrival for registration.