2016
ANNUAL MEETING & COURSES

Friday - Sunday March 4-6, 2016

Hyatt Regency ~ LA JOLLA

3777 La Jolla Village Drive

*Courses Held at UCSD School of Medicine*
San Diego California
The WSET Annual Meeting & Courses provides comprehensive updates for the diagnostic & research practitioners in the specialties of EEG, Evoked Potentials, Intraoperative Monitoring & Bedside Continuous EEG Monitoring.

Experts from Neurology & Neurodiagnostics will present on the state of the science, research applications and advanced updates.

In addition, board preparation courses addressing recent changes in the exam, critical information for board prep candidates and invaluable study materials shall be provided.

Professionals practicing in the following specialties:
- Evoked Potentials
- EEG
- Neurophysiologists
- Neurosurgeons
- Neurologists
- Orthopedists
- Intraoperative Neurophysiologic Monitoring
- Nurse
- Audiologists
- ENT Surgeons
- Anesthesiologists

At the completion of this symposium, participants should be able to:
- Discuss the comprehensive principles for conducting and interpreting electrophysiologic studies in EEG, cEEG, EP, & IONM.
- Identify relevant neuroanatomy and neurophysiology
- Describe the principles and methods of recording and monitoring
- Develop an understanding of the elements for clinical decision making
- Develop an understanding of the basic aspects related to the business of service delivery

Registration is available online at:
https://www.signmeup.com/112529

Scholarships Available!
Apply On-Line at: WWW.WSET.US
SELECT THE “FORMS” TAB & “SCHOLARSHIP FORM”
DEADLINE: FEBRUARY 20TH, 2016
WSET 2016 Scientific Program

ASET-CEUs APPLIED FOR

COURSE DIRECTOR:
Cindy Francke
R. EEG/EP T., CNIM

Friday, March 4th, 2016

8:55 am WELCOME & ANNOUNCEMENTS

9:00 am Wireless Dry EEG Sensors for Mobile Brain Computer Interfaces
Yu Mike Chi
Cognionics
Founder and Chief Technology Officer. BS, Johns Hopkins University
PhD, Electrical Engineering, University of California - San Diego, San Diego, CA

10:00 am BREAK WITH EXHIBITORS

10:30 am Neurodiagnostics, Neurosurgery & Neurology in Vietnam:
Tales from the Front-A Call to Missions
Gary Heit, PhD., MD.
Co-Founder, Medical Director, American Neurosurgery International, Inc., Los Altos, CA

11:15 am Intraoperative Monitoring in Cranial Neurosurgery & Epilepsy Surgery
Jay Shils, PhD, D.ABNM, F.ASNM
Associate Professor, Department of Anesthesiology, Rush Medical College
Director, Neurophysiological Intraoperative Monitoring
Rush University Medical Center, Chicago, IL

12:00 pm-1:00 pm 61th WSET BUSINESS MEETING & LUNCHEON
GUEST SPEAKER: Cathy Boldery, CCT, REEG/EPT,CNIM, RPSGT, FASET
Licensure in Neurodiagnostics: Impact, Texas State of the Process & Call to Action
and Dr. Jeff Gertsch, MD “Update on California Licensure Efforts”

1:30 pm Addyson’s Story - A Father’s Struggle from Darkness to Light: A Medical Marijuana Miracle
Adam Benton, R. EP T., CNIM
Castle Rock, CO

2:30 pm It’s High Time We Talk: Medical Marijuana Updates in Clinical Practice
Jeffrey Gertsch, MD
Associate Professor of Neurosciences, UCSD
Director, UCSD Interventional Neurophysiology
Service Medical Director, WSET, La Jolla, CA

3:00 pm BREAK WITH EXHIBITORS

3:30 pm Cognitive Brain Training:
Presenting the Science & Pseudoscience
Cindy Francke Knight, R. EEG/EP T., CNIM., F. WSET
Seattle, WA

5:00 pm ADJOURN

* Program may be subject to change *
Comprehensive EEG Course

Friday, March 4th, 2016

WELCOME & INTRODUCTIONS
Trashonda Johnson, D.C., CNIM, Neurophysiology Technologist, Washington, DC

9:00 am Pediatric Epilepsy Syndromes: Electrographic Signature & Clinical Profiles
Dawn Deines, R. EEG T.
Neurodiagnostic Supervisor, UCSF Benioff Children's Hospital, San Francisco, CA

10:00 am BREAK WITH EXHIBITORS

10:30 am Instrumentation: Throwing Away The Baby With The Bathwater?
Bruce Goddard Dipl.T., R.E.T., R.T. (EMG), R. EP T., CLTM
Nanaimo Regional General Hospital, Nanaimo, BC

11:15 am MRI/CT/MEG Imaging, Skin Break Down & Electrodes
Leah Hanson, R. EEG\EP T.
Rhythmlink International, LLC, Columbia, SC

12:00 pm-1:00 pm 61th WSET BUSINESS MEETING & LUNCHEON
GUEST SPEAKER: Cathy Boldery, CCT, REEG/EPT,CNIM, RPSGT, FASET

1:30 pm Adult EEG Patterns in The Normal Wake & Sleep Recording
Cindy Francke, R. EEG\EP T., CNIM
Seattle, WA

2:30 pm BREAK WITH EXHIBITORS

3:00 pm Correlative Neuroanatomy: Matching Clinical Manifestations with Epileptic Focus
Rebecca Clark-Bash, R. EEG\EP T, CNIM, CLTM, F.ASNM, F.ASET
Knowledge Plus, Inc., IL

4:00 pm Infections of the CNS and Degenerative Diseases: Disease Profile & EEG Correlates
John-Paul Sumaquero, R. EEG\EP T.
Neurophysiology Technologist, Precedent Spine Health, Buffalo, NY

https://www.signmeup.com/112529

* Program may be subject to change *
# EEG Course

**ASET-CEUs APPLIED FOR**

**COURSE DIRECTOR:**
Trashonda Johnson  
CNIM, D.C.

## Saturday, March 5th, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:55 am</td>
<td><strong>WELCOME &amp; INTRODUCTIONS</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 9:00 am| Pharmacologic Influence and Brainwave Recordings  
Dawn Deines, R. EEG T.  
Neurodiagnostic Supervisor, UCSF Benioff Children's Hospital, San Francisco, CA |           |                                               |
| 10:00 am| **BREAK WITH EXHIBITORS**                                                                         |           |                                               |
| 10:30 am| "Houston, We Have A Problem!" - Abnormal EEG  
Michele Furman, R. EP/EEG T., CNIM  
Harborview Medical Center, Seattle, WA |           |                                               |
| 11:30 am| **LUNCH (on your own)**                                                                           |           |                                               |
| 1:30 pm | Breath Deep, “Flash ‘Em’ & Now It Is Time for a Nap: Activation!  
Ricardo Bravo, R. EP T., CNIM  
UMC, Tucson, AZ |           |                                               |
| 2:30 pm | EEG By The Numbers: Get Out Your Calculator!  
Patti Baumgartner, R/ EEG/EP T, CNIM, D.O.  
Weaver Mission, KS |           |                                               |
| 3:15 pm | **BREAK WITH EXHIBITORS**                                                                          |           |                                               |
| 3:45 pm | EKG Interpretation During EEG  
Cathy Boldery, CCT, REEG/EPT,CNIM, RPSGT, FASET |           |                                               |
| 4:30 pm | Classification of Seizures  
John-Paul Sumaquero, R. EEG/EP T., CNIM  
Neuropysiology Technologist, Precedent Spine Health, Buffalo, NY |           |                                               |

https://www.signmeup.com/112529

* Program may be subject to change *

---

**CADAVER LAB has been cancelled!**

We are sorry for the inconvenience.
Intraoperative Surgical Monitoring

ASET-CEUs
APPLIED FOR

COURSE DIRECTOR:
Rebecca Hubbs
R. EEG T., CNIM

Saturday, March 5th, 2016

8:55 am  WELCOME & ANNOUNCEMENTS
9:00 am  Critical Role of Intraoperative Neurophysiologic Monitoring in Early Detection of Ischemia in Cerebral Vascular Surgeries
Jaime Lopez, MD
Associate Professor of Neurology & Neurosurgery
Director of Intraoperative Monitoring Program
Stanford University Medical Center, CA

10:00 am  BREAK WITH EXHIBITORS

10:30 am  Intraoperative Neurophysiologic Methods for Spinal Cord Stimulator Placement Under General Anesthesia
Jay Shils, PhD, D.ABNM, F. ASNM
Associate Professor, Department of Anesthesiology,
Rush Medical College Director, Neurophysiological Intraoperative Monitoring,
Rush University Medical Center, Chicago, IL

11:30 am  Heuristic Map of Myotomal Innervation in Humans Using Direct Intraoperative Nerve Root Stimulation
Jay Shils, PhD, D.ABNM, F. ASNM
Associate Professor, Department of Anesthesiology,
Rush Medical College Director, Neurophysiological Intraoperative Monitoring,
Rush University Medical Center, Chicago, IL

12:30 pm  LUNCH (on your own)

2:00 pm  Correlating Train EMG with Post Operative Motor Deficit
Tim Davis, MD
Alpha Neuromonitoring, Los Angeles, CA

2:30 pm  Jacknife during Lateral Fusion and Neuropraxia, Positioning and Implication in IOM
Tim Davis, MD
Alpha Neuromonitoring, Los Angeles, CA

3:30 pm  Neuromonitoring Solutions and Current Research for Lumbar Lateral Interbody Fusion
Justin Silverstein, DHSc, CNIM
Partner/CEO, Neuro Protective Solutions, New York, NY

4:30 pm  Neuromonitoring on International Medical Missions
Jon Block DC, CNIM
ION Intraoperative Neurophysiology, Walnut Creek, CA

5:30 pm  ADJOURN

* Program may be subject to change *
# Intraoperative Surgical Monitoring

**ASET-CEUs APPLIED FOR**

**COURSE DIRECTOR:**
Rebecca Hubbs  
R. EEG T., CNIM

## Sunday, March 6th, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:55 am</td>
<td>WELCOME &amp; ANNOUNCEMENTS</td>
</tr>
</tbody>
</table>
Andres A. Gonzalez, MD, MMM, FACNS  
Director, Surgical Neurophysiology Program Chief, Intraoperative Neurophysiological Monitoring and Sleep Division Co-director; Neurology Residency Program, Keck Hospital of USC and LAC + USC Medical Center Assistant Professor of Neurology  
Keck Medical Center of USC University of Southern California, San Diego, CA |
| 10:00 am| BREAK WITH EXHIBITORS                                                  |
| 10:30 am| Common Errors in IOM Practice & How To Avoid Them  
Chuck Yingling, PhD, D.ABNM, F.ASNM  
San Francisco, CA |
| 11:15 am| Cranial Nerve Monitoring During Brain & Skull Based Surgery: Rational, Method & Data Analysis  
Jaime R. López, MD  
Associate Professor Director, Intraoperative Neurophysiologic Monitoring Program Neurology and Neurological Sciences, and Neurosurgery  
Stanford University School of Medicine, Stanford, CA 94305 |
| 12:30 pm| LUNCH (on your own)                                                |
| 2:00 pm| Real Time Identification of Motor Pathways During Tumor Surgery  
Chuck Yingling, PhD, D.ABNM, F.ASNM  
San Francisco, CA |
| 3:00 pm| BREAK WITH EXHIBITORS                                                  |
| 4:00 pm| Operative Strategies for Minimizing Hearing Loss and Other Major Complications Associated with Microvascular Decompression for Trigeminal Neuralgia.  
Andres A. Gonzalez, MD, MMM, FACNS  
Director, Surgical Neurophysiology Program Chief, Intraoperative Neurophysiological Monitoring and Sleep Division Co-director; Neurology Residency Program, Keck Hospital of USC and LAC + USC Medical Center Assistant Professor of Neurology  
Keck Medical Center of USC University of Southern California, San Diego, CA |

[https://www.signmeup.com/112529](https://www.signmeup.com/112529)  
* Program may be subject to change *
Saturday, March 5th, 2016

8:55 am  WELCOME & ANNOUNCEMENTS

9:00 am  NEOLEV2 Neonatal Seizure Treatments and the Role of Remote Video EEG Monitoring
Richard Haas, MD
Rady Children's Hospital
Professor UCSD, San Diego, CA

10:00 am  BREAK WITH EXHIBITORS

10:30 am  Continuous EEG Monitoring in the ICU
Sonya Wang, MD
Rady Children's Hospital
Assistant Clinical Professor
UC San Diego, San Diego, CA

11:30 am  Epilepsy Surgery in Pediatrics: Prequalifiers, Failure Rates & Care Plan
Kurtis Auguste, MD
Pediatric Neurosurgeon
Director of Pediatric Epilepsy Surgery, San Francisco, CA

12:30 pm  LUNCH (on your own)

2:00 pm  Trending & Physiology in EEG: Don't Sweat the Small Stuff! It's All Small Stuff
Sabrina Galloway, BS, R. EEG/EP t., CNIM, CLTM, FASET
Director, Neurodiagnostic Operations
Neuromonitoring Technologies, Inc, Glenwood, MD

3:00 pm  BREAK WITH EXHIBITORS

3:30 pm  Physiologic Assessment & Documentation: Critical Recommendations in EEG-Epileptiform Correlates and Provocation
Sabrina G. Galloway, BS, R. EEG/EP T., CNIM, CLTM, FASET
Director, Neurodiagnostic Operations
Neuromonitoring Technologies, Inc., Glenwood, MD

4:15 pm  Challenges in Prolonged EEG Monitoring: Skin Break Down, Infection Control & MRI Compatibility
Leah Hanson, R. EEG/EP T.
Rhythmlink International, LLC, Columbia, SC

https://www.signmeup.com/112529

* Program may be subject to change *
Epilepsy, Bedside EEG, Advanced

ASET-CEUs
APPLIED FOR

COURSE DIRECTOR:
Dawn Deines
R. EEG T.

Sunday, March 6th, 2016

8:55 am
WELCOME & ANNOUNCEMENTS

9:00 am
Relevance of EEG Pattern Recognition at Bedside: Periodic Patterns and Their Value in Treatment
Yafa Minazad, DO, MMM
Board Certified Neurologist, D.ABCN
Southern California Neurology Consultants PhD, D.ABNM, F.ASNM

10:00 am
BREAK WITH EXHIBITORS

10:30 am
Surgical Monitoring Tools
Kurtis Auguste, MD
Pediatric Neurosurgeon
Director of Pediatric Epilepsy Surgery, San Francisco, CA

11:30 am
Treatments in Epilepsy: A Review and Emerging Updates
Yafa Minazad, DO, MMM
Board Certified Neurologist, D.ABCN
Southern California Neurology Consultants PhD, D.ABNM, F.ASNM

12:30 pm
LUNCH (on your own)

2:00 pm
Common Pediatric Epilepsy Syndromes
Sonya Wang, MD
Rady Children's Hospital
Assistant Clinical Professor
UC San Diego, San Diego, CA

3:00 pm
BREAK WITH EXHIBITORS

3:30 pm
Epilepsy Management-The Electrographic Signature: A Review in Case Studies
Leisha Osburn, R. EEG/EP T., CNIM, DABNM, CLTM, PhD, FASET, MS, MHA
IntraDiagnostics, Indianapolis, IN

4:00 pm
Patient Safety in the EMU
Rachelle Compton, MSN, RN
Epilepsy Coordinator
UCSD Health Sciences, La Jolla, CA 92037

https://www.signmeup.com/I12529

★ Program may be subject to change ★
Pediatric VEEG Review Session

VEEG review of unusual seizures/non epileptic paroxysmal events in infants, children and adolescents.

Mark Nespeca MD
Medical Director EEG Laboratory
Rady Childrens Hospital, San Diego

Friday, March 4th, 2016
5:30 pm to 7:30 pm
Shuttle to hospital is available

Additional Tuition Required
## Workshops

### ASET-CEUs APPLIED FOR

### ASET-CEUs APPLIED FOR

---

### Friday Evening Coding Workshops: 5:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Concurrent Focus Sessions</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5:00-6:00 pm</strong></td>
<td></td>
</tr>
<tr>
<td>CPT Coding in Intraoperative Neurophysiologic Monitoring (IOM)</td>
<td>Cindy Francke</td>
</tr>
<tr>
<td>R. EEG\EP T., CNIM</td>
<td></td>
</tr>
<tr>
<td><strong>5:00-6:00 pm</strong></td>
<td></td>
</tr>
<tr>
<td>Billing in Critical Care EEG: Codes and Cost of Outside Service Providers</td>
<td>Rebecca Clark-Bash, R. EEG\EP T.,</td>
</tr>
<tr>
<td></td>
<td>CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
</tbody>
</table>

---

### Saturday Morning Workshops: 7:00 am to 8:00 am

<table>
<thead>
<tr>
<th>Concurrent Focus Sessions</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7:00-8:00 am</strong></td>
<td></td>
</tr>
<tr>
<td>CLTM Board Prep</td>
<td>Rebecca Clark-Bash, R. EEG\EP T.,</td>
</tr>
<tr>
<td></td>
<td>CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
<tr>
<td><strong>7:00-8:00 am (EEG)</strong></td>
<td></td>
</tr>
<tr>
<td>R.EEG T. * Written Board Prep Boot Camp Part 1 and 2</td>
<td>John-Paul Sumaquero</td>
</tr>
<tr>
<td></td>
<td>R. EEG\EP T., CNIM</td>
</tr>
</tbody>
</table>

---

### Sunday Morning Workshops: 7:00 am to 8:00 am

<table>
<thead>
<tr>
<th>Concurrent Focus Sessions</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7:00-8:00 am (IOM)</strong></td>
<td>Rebecca Clark-Bash, R. EEG\EP T.,</td>
</tr>
<tr>
<td></td>
<td>CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
<tr>
<td><strong>7:00-8:00 am (EP)</strong></td>
<td>Rebecca Clark-Bash, R. EEG\EP T.,</td>
</tr>
<tr>
<td></td>
<td>CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
</tbody>
</table>
## WSET Annual Meeting & Courses

**Meeting Hotel:**

**Hyatt Regency La Jolla**  
3777 La Jolla Village Drive, San Diego, CA  
Phone: 858.552.1234

**WSET Rate:** $152  
**Parking Rate:** $10/day

*Cut-Off Date For WSET Rate: February IIth*

### Credits:

ASET – The Neurodiagnostic Society has granted 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.

### Registration:

Registration fee includes tuition, daily continental breakfast & break refreshments. Lunch is included on Friday ONLY for the WSET Annual Business Luncheon.

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>Course</th>
<th>WSET and BCSET Member</th>
<th>Non-Member</th>
<th>After Feb. 26th</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRAOPERATIVE NEUROPHYSIOLOGIC MONITORING COURSE and EPILEPSY cEEG BEDSIDE MONITORING COURSE</td>
<td>Three Day Course</td>
<td>$525.00</td>
<td>$625.00</td>
<td>+$50.00</td>
</tr>
<tr>
<td></td>
<td>Two Day Course</td>
<td>$425.00</td>
<td>$525.00</td>
<td>+$50.00</td>
</tr>
<tr>
<td>AND BASIC EEG COURSE</td>
<td>Friday ONLY</td>
<td>$195.00</td>
<td>$295.00</td>
<td>+$50.00</td>
</tr>
<tr>
<td>SCIENTIFIC SESSION</td>
<td><em>Must be registered student at a school accredited by the Commission of Accreditation of Allied Health Education Programs</em></td>
<td>See website for Rates.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STUDENTS’</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRINTED HANDOUT</td>
<td></td>
<td>$399/per course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WORKSHOPS</td>
<td></td>
<td>$99.00</td>
<td>$120.00</td>
<td>+$20.00</td>
</tr>
<tr>
<td>SPECIAL SESSIONS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEDIATRIC VEEG REVIEW SESSION</td>
<td></td>
<td>$99.00</td>
<td>$120.00</td>
<td>+$20.00</td>
</tr>
<tr>
<td>BRAIN CUTTING SESSION</td>
<td></td>
<td>$150.00</td>
<td>$199.00</td>
<td>+$20.00</td>
</tr>
</tbody>
</table>
2016 WSET Social:
Hyatt-LaJolla Asteria Terrace
(backup indoor location if weather is a problem)
Saturday 5:30 pm – 8:30 pm

Registration Online:
https://www.signmeup.com/112529

Exhibitor Opportunities
Interesting in Exhibiting?
Rebecca Hubbs: 760.219.0228
Register to Exhibit Now:

Have Questions Contact Us:
Michele Furman: 206.422.1453

Contact Us:
WSET Vendor Chair
Email: WSETVendor@yahoo.com
http://www.signmeup.com/112396

Website: www.WSET.US
E-mail: WSETMeeting@yahoo.com