

The American Society of Neurophysiological Monitoring presents

Research in the OR...

Current State of the Art and Future Frontiers



ASNPM Annual Meeting
Grand America Hotel, Salt Lake City, Utah
Friday, May 4 - Sunday, May 6, **2012**



Research in the OR...

Current State of the Art and Future Frontiers

Identify and understand the latest validated and cutting edge methods.

See the methodological horizon – get a glimpse into the future.

Expand your IONM scientific literature library.



Grand America Hotel

Location and Accommodations

Grand America Hotel
555 South Main Street
Salt Lake City, Utah 84111
(800) 304-8696

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Interstate Postgraduate Medical Association and ASNM. IPMA is accredited by the ACCME to provide continuing medical education for physicians. The Interstate Postgraduate Medical Association designates this live activity for a maximum of 28.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ASNM has applied to the American Academy of Audiology to offer Academy CEUs for this activity. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures.



The American Society of Electroneurodiagnostic Technologists has granted ASET Continuing Education (ACE) credits (9.5 ACE credits for Day 1, 10.0 ACE credits for Day 2 and 5.0 ACE credits for Day 3) for this program. Such crediting, however, should not be construed by program participants as endorsement of any type of instruments or suppliers mentioned or involved in these presentations.

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RhythmLink

Program

Thursday, May 3, 2012

8 a.m. - 5 p.m.

Venezia

Board Meeting

6 - 9 p.m.

Envoy

CNIM Board Prep

Rebecca Clark-Bash, R EEG/EP T, CNIM, CLTM, FASNM

6 - 9 p.m.

Savoy

ABNM Board Prep

Ronald Pearlman, PhD, CCC-A, FASNM, DABNM

5 - 8 p.m.
Early Registration

Friday, May 4, 2012

6:30 - 7:30 a.m.

Imperial Ballroom A

Continental Breakfast

6:45 - 7:30 a.m.

Imperial Ballroom C/D

Breakfast with the Experts

Third World IONM, James Watt, Jr

Electrode Burn Demonstrations from ESU, Brett Netherton, MS, CNIM

New Notions in Remote Monitoring, Jack Hastings, MD

Depth of Anesthesia, Christoph Seubert, MD, PhD, DABNM

7:30 a.m.

Imperial Ballroom B

Welcome & Introduction / ASNM Updates

Bernard Allan Cohen, PhD, FASNM

EVIDENCE-BASED MEDICINE

Moderator: Christoph Seubert, MD, PhD, DABNM

Imperial Ballroom B

7:40 - 8 a.m.

An Outcomes-Based Future for ASNM: The Promise of Evidence-Based Medicine

Bernard Allan Cohen, PhD, FASNM

8 - 8:55 a.m.

Surgical Perspective on IONM

The Achilles' Heels of Evidence-Based Medicine:

Re-appraisal of Pedicle Screw and TCMEP IONM

Stanley Skinner, MD

8:55 - 9:40 a.m.

Understanding the Prospective Study

Retrospective Analysis: Spine Surgery

Anthony Sestokas, PhD, DABNM, FASNM

9:40 - 10 a.m.

Imperial Ballroom A

Break with Exhibitors

10 - 10:45 a.m.

Understanding the Prospective Study

Prospective Analysis: Pedicle Screw Monitoring

David Morledge, PhD, CCC-A, DABNM, FASNM

10:45 - 11:30 a.m.

Primer

Levels of Evidence: How to Read the Literature, How to Think About Doing a Study

Matthew Eccher, MD, MSPH

11:30 a.m. - 12 p.m.

The Path Ahead

ASNM and EBM: Next Steps

H Louis Journée, MD, PhD

12 - 12:15 p.m.

Evidence-Based Medicine Panel Q&A

All morning speakers

12:15 - 1:30 p.m.

Lunch (on your own)

12:15 - 1:30 p.m.

Sussex

Advisory Council Meeting over Lunch

CrN & PNS IONM RESEARCH

Moderator: Brett Netherton, MS, CNIM

Imperial Ballroom B

1:30 - 2:10 p.m.

State of the Art Tools in Our Toolbox

Posterior Fossa Surgery: Cranial Nerve TcMEP Methods and Findings

Charles Dong, PhD

2:10 - 2:50 p.m.

The IOM Horizon

Nerves We Can and Cannot Monitor: A Review and a Hope

Leo Happel, PhD, FASNM

2:50 - 3:10 p.m.

Imperial Ballroom A

Break with Exhibitors

3:10 - 3:45 p.m.

Cutting Edge Research

MEP Guidelines Introduction I

David MacDonald, MD

3:45 - 4:20 p.m.

Cutting Edge Research

MEP Guidelines Introduction II

David MacDonald, MD

4:20 - 4:55 p.m.

Technical Tips: Sharpening the Tools

Bulbocavernosus Reflex: Methodology and Application

Justin McLoughlin, MS, DABNM, CNIM

4:55 - 5:15 p.m.

CrN & PNS IONM Research Panel Q&A

All Afternoon Speakers

5:15 - 6:45 p.m.

Abstracts & Posters

H Louis Journée, MD, PhD

Lawrence Wierzbowski, AuD, DABNM

6:45 p.m.

Closing Comments

Bernard Allan Cohen, PhD, FASNM

6:45 p.m.

Imperial Ballroom A

Networking Social

Program

Saturday, May 5, 2012

6:30 - 7:30 a.m.

Imperial Ballroom A

Continental Breakfast

6:45 - 7:30 a.m.

Imperial Ballroom C/D

Breakfast with the Experts

MEP Methodology

H Louis Journée, MD, PhD

Optimized Instrumentation Layout

Brett Netherton, MS, CNIM

Pedicle Screws

Miriam Donohue, BS

Bulbocavernosus Reflex and Cremaster Monitoring

Stanley Skinner, MD

7:30 a.m.

Welcome & Introduction / ASNM updates

Antoun Koht, MD

SPINE IONM RESEARCH

Moderator: *John McAuliffe, III, MD, MBA*

Imperial Ballroom B

7:40 - 8:20 a.m.

State of the Art Tools in Our Toolbox

The Trinity of Neuromonitoring in Spine

Mingwei Li, MD, DABNM

8:20 - 9 a.m.

The IOM Horizon

Intramedullary Spinal Cord Lesions: What We Are (and Should Be) Doing

Francesco Sala, MD

9 - 9:20 a.m.

Imperial Ballroom A

Break with Exhibitors

sponsored by Reliant Billing



9:20 - 9:55 a.m.

Digitimer Lecture

Cutting Edge Research

MEP Alarm Criteria: Current Status, A New Way to Think About It

John McAuliffe, III, MD, MBA

9:55 - 10:30 a.m.

Cutting Edge Research

SEPs: Back to the Future

Ronald Emerson, MD

10:30 - 11:05 a.m.

Technical Tips: Sharpening the Tools

Spine IONM: Tools to Optimize Your Data

Cathy Bolderly, R EEG/EP T, CNIM, R PSG T, CCT

11:05 a.m. - 12 p.m.

Presidential Lecture

Jeremy Howick, PhD

12 - 12:15 p.m.

Spine IONM Panel Q&A

All Morning Speakers

12:15 - 1:30 p.m.

Society Membership and Meeting Luncheon

Imperial Ballroom C/D

ASNM members are invited to the annual business meeting. Lunch will be provided.

BRAIN IONM RESEARCH

Moderator: *Jack Hastings, MD*

Imperial Ballroom A

1:30 - 2:10 p.m.

State of the Art Tools in Our Toolbox

Vestibular Schwannoma: Tools in our Toolbox

William Martin, PhD, FASNM

2:10 - 2:50 p.m.

The IOM Horizon

Within and Below the 4th Ventricular Floor: What We Can and Cannot Do (Yet)

Francesco Sala, MD

2:50 - 3:10 p.m.

Imperial Ballroom A

Break with Exhibitors

sponsored by RhythmLink



3:10 - 3:45 p.m.

Cutting Edge Research

IONM and the Brain: Beyond the Next Five Years

Jay Shils, PhD, DABNM, FASNM

3:45 - 4:20 p.m.

Cutting Edge Research

Independent Component Analysis (ICA)

Jeffrey Gertsch, MD

4:20 - 4:55 p.m.

Technical Tips: Sharpening the Tools

Brain IONM: Tools to Optimize Your Data

Josh Mergos, MS, CNIM

4:55 - 5:15 p.m.

Brain IONM Panel Q&A

All Afternoon Speakers

5:15 - 6:45 p.m.

Abstracts & Posters

H Louis Journée, MD, PhD

Lawrence Wierzbowski, AuD, DABNM

6:45 p.m.

Closing Comments

Antoun Koht, MD

7 - 9 p.m.

Networking Reception at Gracie's (offsite)

326 South West Temple

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PRESIDENTIAL LECTURER



Featuring *Jeremy Howick, PhD*

Centre for Evidence-Based Medicine

Dr Howick is a MRC/ESRC funded postdoctoral fellow at the CEBM. He is the author of *The Philosophy of Evidence-Based Medicine*. His research interests include the nature of 'placebos' and whether their use is ethical in clinical practice and clinical trials, the role of 'mechanistic reasoning' as evidence for efficacy and effectiveness for medical and social policy interventions. He is also a lecturer in the Science and Technology Studies department at University College London, where he runs an intercalated degree for medical students. He is an experienced teacher and enjoys teaching, lecturing, and mentoring students of all levels.

Program

Sunday, May 6, 2012

Moderator: Lawrence Wierzbowski, AuD, DABNM

6:30 - 7:30 a.m.

Imperial Ballroom A

Continental Breakfast

7 - 7:30 a.m.

Imperial Ballroom C/D

Breakfast with the Experts

Policy and Procedure for Lab Accreditation

Clare Gale, R EEG/EP T, CNIM

Engaging Prospective Surgeons

Patricia Warf, RN, MS, CNIM

Errors in IONM

Jack Kartush, MD, FASNM

Cortical Sensory and Motor Mapping

Faisal Jahangiri, MD, CNIM, DABNM

7:30 a.m.

Imperial Ballroom B

Welcome & Introduction / ASNM updates

Antoun Koht, MD

7:45 - 9 a.m.

Abstracts & Posters

H Louis Journée, MD, PhD

Lawrence Wierzbowski, AuD, DABNM

9:00 - 9:45 a.m.

Research Wrap-up

Robert Holdefer, PhD, DABNM

Craig Crookston, DPT, CNIM

Erik Kobylarz, MD, PhD

9:45 - 10:05 a.m.

Imperial Ballroom A

Break with Exhibitors



sponsored by Rochester Electro-Medical

10:05 - 10:50 a.m.

IONM Morning Edition: Guidelines, Reimbursement, Coding

Bernard Allan Cohen, PhD, FASNM

Marc Nuwer, MD, PhD, FASNM

10:50 - 12 p.m.

IONM Team Compete Interactive Session

Host: *Leo Happel, PhD, FASNM*

Judges: *Jack M Kartush, MD, FASNM; Stanley Skinner, MD;*

Tod Sloan, MD, MBA, PhD, FASNM

Team A

John McAuliffe, III, MD, MBA; Clare Gale, R EEG/EP T, CNIM; Justin McLoughlin, MS, DABNM, CNIM; H Louis; Journée, MD, PhD; Jack Hastings, MD

Team B

Christoph Seubert, MD, PhD, DABNM; Matt Cotton, MS, CNIM; Cathy Boldery, R EEG/EP T, CNIM, R PSG T, CCT; Ronald Emerson, MD; Jay Shils, PhD, DABNM, FASNM

12 p.m. - 12:30 p.m.

Call to Action

Bernard Allan Cohen, PhD, FASNM

Stanley Skinner, MD

12:30

Closing Comments

Antoun Koht, MD

Information

Registration

Registration fees include participation in and electronic materials for all session lectures, continental breakfast and breaks, and a networking reception.

Register online at www.asnm.org/events.

Registration Fees	Thru April 25	After April 25
ASNM members	\$595	\$645
Nonmembers	\$795	\$845
One-day registration	\$350	
Student registration	\$300	
Guest ticket for networking reception	\$100	
ABNM Board Prep	\$150	\$175
CNIM Board Prep	\$100	\$125
Printed handouts with registration	\$200	
Printed handouts without registration	\$300	

Members save \$200!
Join today for just \$150.

Call for Abstracts

The ASNM Program Committee announced the call for abstracts for the 2012 Annual Meeting in Salt Lake City, Utah. Members of The Society, students and professionals in related disciplines were encouraged to submit proposals. Abstracts will be presented throughout the event.

Mary Stecker Memorial Grant

Over the past years the Mary Stecker Memorial Grant has offered awards to ASNM members new to the profession either still in training or just out of training to cover some of the travel expenses to the Annual Meeting. To apply for these awards, send your current curriculum vitae and a one to two paragraph description of your present status in the IONM community and why you would like to attend the Annual Meeting to info@asnm.org. For questions or additional information on this grant, contact the ASNM office.

Exhibitors

Booth registration is \$1,500 and includes two registrations. Sponsorships, program advertisements, and web advertising are also available. For more information, see the exhibitor prospectus at www.asnm.org.

Networking Reception

All registrants and exhibitors are invited to attend a networking reception Saturday, May 5, 7 to 9 p.m. Guest tickets are available for an additional fee. Location: Gracie's, 326 South West Temple, Salt Lake City, www.graciesslc.com.



Abstract Presentations

In order of presenting

FRIDAY

Robert N Holdefer, PhD

Evidence based medicine and the value of intraoperative neurophysiological monitoring (IONM) as diagnostic tests
Friday 5/4/2012 5:15-5:30 pm

Li Huang, MD, PhD

Intraoperative D Wave Monitoring During Intramedullary Tumor Resection Utilizing Subdural Cortical Strip Electrode – A Report of 3 Cases
Friday 5/4/2012 5:30-5:45 pm

Joong Koo Kang, MD, PhD

The clinical usefulness of combined sensory evoked potential and motor evoked potential during spinal and spinal cord surgery depending on the site of lesion
Friday 5/4/2012 5:45-6:00 pm

Svatopluk Ostrý, MD, PhD

How reliable is intraoperative tractography comparing to subcortical mapping in glioma surgery near the corticospinal tract?
Friday 5/4/2012 6:00-6:15 pm

Jeffrey R Balzer, PhD, FASNM, DABNM

Value of Somatosensory Evoked Potential Monitoring During Pediatric Idiopathic Scoliosis Corrective Procedures: Analysis Revisited
Friday 5/4/2012 6:15-6:30 pm

Bernard A Cohen, PhD, FASNM

Characterization of Vocal Cord Electromyography During Anterior Cervical Decompression and Fusion
Friday 5/4/2012 6:30-6:45 pm

SATURDAY

Robert N Holdefer, PhD

Evidence based medicine and the value of intraoperative neurophysiological monitoring (IONM)
Saturday 5/5/2012 5:15-5:30 pm

Fen Yang, MD

Localization of intercostal muscles and cricothyroid muscle under ultrasound guidance during intraoperative monitoring
Saturday 5/5/2012 5:30-5:45 pm

Bernard A Cohen, PhD, FASNM

Safety and Efficacy of Adhesive Surface Endotracheal Tube Electrodes for Recording Activity of Recurrent Laryngeal Nerve
Saturday 5/5/2012 5:45-6:00 pm

Jenice Robinson, MD

D-wave monitoring and physiologic mapping of the corticospinal tract during cordotomy for chronic pain – a one-patient, two-procedure technical case report
Saturday 5/5/2012 6:00-6:15 pm

Kent Rice, MS, R EP T, CNIM, DABNM

Needle stick injuries associated with use of subdermal needle electrodes during intraoperative neurophysiologic monitoring
Saturday 5/5/2012 6:15-6:30 pm

Russ Lyon, MS, DABNM

Increased Concentration of Propofol during Hemorrhage Decreases Transcranial Motor Evoked Potentials in Pigs: A Possible Mechanism for False-Positives
Saturday 5/5/2012 6:30-6:45 pm

SUNDAY

Kent Rice, MS, R EP T, CNIM, DABNM

Oral injuries associated with transcranial stimulation in 17,273 consecutive surgeries
Sunday 5/6/2012 7:45-8:00 am

Jeffrey H Gertsch, MD

Propofol as a pro-convulsant? An electrographic seizure co-incident with retractor insertion during vascular brain surgery in the 6th hour of Propofol-induced neuroprotective burst suppression
Sunday 5/6/2012 8:00-8:15 am

Faisal R Jahangiri, MD, CNIM, DABNM

Preventing lower cranial nerve injuries during fourth ventricle tumor resection by utilizing Intraoperative Neurophysiological Monitoring
Sunday 5/6/2012 8:15-8:30 am

Gexin Wang, PhD, CNIM, DABNM

Deterioration of posterior tibial nerve somatosensory evoked potentials due to leg malpositioning during direct lateral transpsoas lumbar interbody fusion
Sunday 5/6/2012 8:30-8:45 am

Qin Zhou Wang, MSc

Monitoring of transcranial electrical motor evoked potential during propofol anesthesia: the optimal stimulation protocol
Sunday 5/6/2012 8:45-9:00 am



Salt Lake Downtown

DINING & NIGHTLIFE

1	Acme Burger Company	257-5700
2	Bambara	363-5454
3	The Bay	364-2547
4	Bayleaf Cafe	359-8490
5	The Bayou	961-8400
6	Beehive Tea Room & Wedding Library	328-4700
7	Benihana	322-2421
8	Biaggi's Ristorante Italiano	596-7222
9	Blue Iguana Restaurant	533-8900
10	Buca di Beppo	575-6262
11	Cafe Olympus	521-7373
12	Caffe Molise	364-8833
13	Caputo's Deli / Caputo's by Night	328-0222
14	Cedars of Lebanon	364-4096
15	Christopher's Seafood & Steakhouse	519-8515
16	City Creek Center Food Court	
17	Clouseau's	359-7800
18	Club Piastra	961-8700
19	Copper Canyon Grill House & Tavern	521-7800
20	Copper Onion	355-3282
21	Cucina Toscana	328-3463
22	Canyon Creek Cafes Food Court	
23	The Depot	456-2800
24	Desert Edge Brewery at the Pub	521-8917
25	Destinations	531-0800
26	Donovan's Steak & Chop House	359-4464
27	Elevations Restaurant	537-6019
28	Eva	359-8447
29	Faustina	746-4441
30	First Press	401-2000
31	Fleming's Prime Steakhouse & Wine Bar	355-3704
32	The Garden Cafe	258-6708
33	The Garden Restaurant	539-3170
34	GINZA Japanese Cuisine & Sushi Bar	322-2224
35	Gracie's	819-7565
36	Happy Sumo At Gateway	456-7866
37	Himalayan Kitchen	328-2077
38	The Hotel Bar & Nightclub	478-4310
39	Ichiban Sushi & Japanese Cuisine	532-7522
40	Iggy's Sports Grill	532-9999
41	JB's Family Restaurant	328-8344
42	J. Wong's Asian Bistro	350-0888
43	Keys on Main	363-3638
44	Lamb's Grill Cafe	364-7166
45	Last Samurai Japanese Steakhouse	596-2293
46	The Lion House Pantry Restaurant	363-5466
47	Little America Coffee Shop	596-5700
48	Little America Steak House	596-5700

49	Lumpys Downtown	938-3070
50	Market Street Grill - Downtown	322-4668
51	Market Street Oyster Bar - Downtown	531-6044
52	Martine	363-9328
53	McDonald's	364-1614
54	The Melting Pot	521-6358
55	Metropolitan	364-3472
56	Murphy's Bar and Grill	359-7271
57	Naked Fish Japanese Bistro	595-8888
58	Nauvoo Cafe	539-3346
59	New Yorker	363-0166
60	Oasis Cafe	322-0404
61	Olio Ristorante	323-7575
62	P. F. Chang's China Bistro	539-0500
63	Piastra on Gallivan Plaza	961-8700
64	The Plum Restaurant	359-7800
65	Poplar Street Pub	532-2715
66	Raw Bean Coffee House	990-2326
67	Red Rock Brewing Company L.C.	521-7446
68	Rio Grande Cafe	364-3302
69	Rodizio Grill	220-0500
70	Romano's Macaroni Grill	521-3133
71	The Roof Restaurant	539-1911
72	Royal Eatery	532-4301
73	Ruby River Steakhouse	359-3355
74	Ruth's Chris Steak House	
75	Sage's Cafe	322-3790
76	Salt Lake Roasting Company	363-7572
77	Sandbar	819-7575
78	Settebello Pizzeria Napoletana	322-3556
79	Siegfried's Delicatessen, Inc.	355-3891
80	Speakeasy	521-7000
81	Spencer's For Steaks & Chops	238-4748
82	Squatters Pub Brewery	363-2739
83	Star of India Restaurant	363-7555
84	Takashi	519-9595
85	Tavernacle Social Club	519-8900
86	Thai Lotus Cafe	328-4401
87	Thaifoon - Taste of Asia	456-8424
88	The Tin Angel Cafe	328-4155
89	Toaster's	328-2928
90	Trofi	238-4877
91	Tucci's Cucina Italiana	533-9111
92	Tuscanos Brazilian Grill	456-2550
93	UTah Artist Hands & The Artful Cup	355-0206
94	Vienna Bistro	322-0334
95	Vosen's Bread Paradise	322-2424

ATTRACTIONS

1	Beehive House	240-2681
2	Brigham Young Historic Park	
3	Brigham Young Monument	
4	Capitol Theatre	355-2787
5	Cathedral Church of St. Mark	322-3400
6	Cathedral of the Madeleine	328-8941
7	City and County Building	533-0858
8	City Creek Park	
9	Clark Planetarium*	456-7827
10	Council Hall	538-1900
11	Discovery Gateway*	456-5437
12	Eagle Gate	
13	EnergySolutions Arena	325-2000
14	Family History Library	240-2584
15	First Presbyterian Church	363-3889
16	Gallivan Center	535-6110
17	The Gateway	456-0000
18	Governor's Mansion (<i>Kearns Mansion</i>)	538-1005
19	Historic Trolley Square — Shopping Area	521-9877
20	Holy Trinity Cathedral Greek Orthodox Church	328-9681
21	Joseph Smith Memorial Building, FamilySearch™ Center	240-1266
22	KUTV2 Main Street News Studio	973-3000
23	LDS Church Office Building	240-2190
24	LDS Conference Center	240-0075
25	Library Square	524-8200
26	Lion House*	363-5466
27	Maurice Abravanel Hall	355-2787
28	Megaplex 12 at the Gateway	304-4553
29	Memory Grove Park	972-7800
30	Mormon Pioneer Memorial Monument	
31	Museum of Church History & Art	240-3310
32	Olympic Legacy Plaza	
33	Pioneer Memorial Museum	532-6479
34	Rio Grande Depot, Utah State Historical Society	533-3500
35	Rose Wagner Performing Arts Center	323-6800
36	Salt Lake Art Center	328-4201
37	Salt Lake Masonic Temple	363-2936
38	Salt Lake To Go Gift Shop	534-4906
39	Salt Palace Convention Center	534-4777
40	Social Hall Heritage Exhibit	321-8745
41	Temple Square	240-2530
42	Union Pacific Depot	
43	Visitor Information Center	521-2822

All phone numbers are 801 area code.

*Visit Salt Lake Connect Pass attractions

Contributors

Faculty

Faculty and Planners Disclosure Statement

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Abbott Northwestern Hospital
has disclosed income as a consultant for Medtronic

Tod Sloan, MD, MBA, PhD, FASNM
Associate Chair for Development
University of Colorado Health Sciences Center
has disclosed no relevant financial relationships

Patricia Warf, RN, MS, CNIM
Neuromonitoring RN
Intranerve
has disclosed no relevant financial relationships

James Watt, Jr
Clinical Product Specialist
Biotronic
has disclosed no relevant financial relationships

Lawrence Wierzbowski, AuD, DABNM
Surgical Neurophysiologist
Neurological Monitoring Services, Inc
has disclosed no relevant financial relationships

Committees

Planning Committee (Salt Lake City)

Brett Netherton, MS, CNIM, Program Co-Director
Stanley Skinner, MD, Program Co-Director
Bernard Allan Cohen, PhD, FASNM

Educational Program Committee

Michael McCaffrey, PhD, Education Chair
Bernard Allan Cohen, PhD, FASNM
Rebecca Clark-Bash, R EEG/EP T, CNIM, CLTM, FASNM
Clare Gale, R EEG/EP T, CNIM
Antoun Koht, MD
Jay Shils, PhD, DABNM, FASNM

Executive Committee

Bernard Allan Cohen, PhD, FASNM, *President*
Michael McCaffrey, PhD, *Past-President and Treasurer*
Antoun Koht, MD, *President-Elect*
Clare Gale, R EEG/EP T, CNIM, *Secretary*

Administration

Richard Toleikis, PhD, FASNM, *independent reviewer*
has disclosed no relevant financial relationships

Kate Nisbet, Director, *Health Systems Education, IPMA*
has disclosed no relevant financial relationships

Laura Ritchie, MBA, *Manager, ASNM*
has disclosed no relevant financial relationships

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2012 Fall Focus Course

September 8-9, 2012

Newport Beach Marriott
Newport Beach, California

2012 Fall Symposium

October 27-28, 2012

Chicago Marriott Downtown Magnificent Mile
Chicago, Illinois

2013 Annual Meeting

May 2-5, 2013

Hyatt Regency
Boston, Massachusetts

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