

American Clinical Neurophysiology Society



PRELIMINARY PROGRAM

February 10-14, 2016 • Orlando, FL
Hilton Orlando Lake Buena Vista

www.acns.org





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MESSAGE FROM COURSE AND PROGRAM COMMITTEE CO-CHAIRS

Dear Colleagues,

On behalf of the American Clinical Neurophysiology Society (ACNS) Council, we are thrilled to invite you to attend the 2016 Annual Meeting & Courses, taking place February 10-14, 2016 at the Hilton Orlando Lake Buena Vista in Orlando, Florida.

The ACNS Annual Meeting & Courses are designed to provide a review of the fundamentals as well as the latest scientific advances in central and peripheral neurophysiology. Experts in the field will give presentations of significant value for all healthcare professionals who utilize clinical neurophysiology.

This year's Annual Courses includes a new offering, "Non-Invasive Brain Stimulation Technology." As was done in 2015, and due to the continued success and interest in Neurophysiologic Intraoperative Monitoring (NIOM), the course will remain in the two full-day format to accommodate the degree of interest and growth within this rapidly expanding field of clinical neurophysiology. The course directors are working hard to provide attendees with an informational and educational series of presentations.

The Program Committee is pleased to present an impressive selection of sessions for delegates to attend throughout the weekend. There was again an outstanding set of session proposals submitted for consideration this year and we are confident that the program content will provide an exciting educational opportunity for all in attendance.

Following the success of last year's Joint International Symposia, we are pleased to announce the inclusion of three sessions co-organized by our colleagues outside the US. We are honored to welcome representatives from the Brazilian Society of Clinical Neurophysiology, the Mexican Society of Clinical Neurophysiology, and the Latin American Chapter of IFCN. We hope you will take advantage of this opportunity to learn from and collaborate with our international colleagues.

In addition to the scientific sessions, there will be opportunities for educational entertainment and networking. The annual Neurophys Bowl provides a great night of "edu-tainment" for participants and attendees to test their knowledge in various fields of Clinical Neurophysiology. Additionally, attendees can socialize and network with exhibitors, colleagues and friends during the Welcome Reception on Friday, February 12 in the Exhibit Hall.

The 2016 Annual Meeting & Courses will provide an opportunity for education, networking and interaction with the latest equipment for attendees in varying fields of clinical neurophysiology. We hope to see you in Orlando!

Sincerely,



Tobias Loddenkemper, MD, FACNS
Course Committee Co-Chairs



Saurabh R. Sinha, MD, PhD, FACNS



Stephan U. Schuele, MD, MPH, FACNS
Program Committee Co-Chairs



Devon I. Rubin, MD



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Journal Editor

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About the American Clinical Neurophysiology Society (ACNS)

ACNS is a professional association dedicated to fostering excellence in clinical neurophysiology and furthering the understanding of central and peripheral nervous system function in health and disease through education, research, and the provision of a forum for discussion and interaction.

Founded in 1946 and originally named the American Electroencephalographic Society (AEEGS), ACNS is the major professional organization in the United States devoted to the establishment and maintenance of standards of professional excellence in clinical neurophysiology in the practice of neurology, neurosurgery and psychiatry. ACNS members utilize neurophysiology techniques in the diagnosis and management of patients with disorders of the nervous system and in research examining the function of the nervous system in health and disease.

Course Committee

Co-Chairs:

Tobias Loddenkemper, MD, FACNS
Children's Hospital Boston

Saurabh R. Sinha, MD, PhD, FACNS
Duke University Medical Center

Members:

Selim Benbadis, MD, FACNS
University of South Florida

Elliott Dimberg, MD
Mayo Clinic

Charles M. Epstein, MD, FACNS
Emory University

Cecil D. Hahn, MD, MPH, FACNS
Hospital for Sick Children

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Beth Israel Deaconess Medical Center

Lawrence J. Hirsch, MD, FACNS
Yale University

Aatif M. Husain, MD, FACNS
Duke University Medical Center

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Brigham & Women's Hospital

Alan D. Legatt, MD, PhD, FACNS
Montefiore Medical Center

Jeffrey Liou, MD
Harvard Medical School

Jaime R. López, MD, FACNS
Stanford University

Michael McGarvey, MD, FACNS
Hospital of the University of Pennsylvania

Yafa Minazad, DO, FACNS
Southern California Neurology

Marc R. Nuwer, MD, PhD, FACNS
UCLA Medical Center

Phillip Pearl, MD, FACNS
Children's Hospital Boston

Claus Reinsberger, MD, PhD
University of Paderborn

Alexander Rotenberg, MD, PhD
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Elayna Rubens, MD, FACNS
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Devon I. Rubin, MD
Mayo Clinic

Mark Scher, MD
Rainbow Babies and Children's Hospital

Michael R. Sperling, MD, FACNS
Thomas Jefferson University

Nitin Tandon, MD
University of Texas – Houston

William O. Tatum, IV, DO, FACNS
Mayo College of Medicine

Francis O. Walker, MD, FACNS
Wake Forest University

Courtney Wusthoff, MD
Stanford University

Ex-Officio:

Jeffrey Britton, MD, FACNS
Mayo Clinic

Gloria Galloway, MD, FACNS
Ohio State University

Stephan U. Schuele, MD, MPH, FACNS
Northwestern University

ACNS INFORMATION

Program Committee

Co-Chairs:

Devon I. Rubin, MD, FACNS
Mayo Clinic

Stephan U. Schuele, MD, MPH, FACNS
Northwestern University

Members:

Nicholas S. Abend, MD
Children's Hospital of Philadelphia

Imran I. Ali, MD, FACNS
University of Toledo

Salah A. Almubarak, MD, FRCPC, FACNS
Royal University Hospital

Anto Bagic, MD, PhD, FACNS
University of Pittsburgh

Meriem Bensalem-Owen, MD, FACNS
University of Kentucky

Richard C. Burgess, MD, FACNS
Cleveland Clinic Epilepsy Center

Bernard Allan Cohen, PhD, FACNS
Neurological Monitoring Associates, LLC

Placido Coyac Cuautle, MD
Neurofisiologia Integral de Puebla

Rafael de Castro, MD
NeuroLife Natal

Elliot Dimberg, MD
Mayo Clinic

Jonathan C. Edwards, MD, FACNS
Medical University of South Carolina

Ronald Emerson, MD, FACNS
Hospital for Special Surgery

William B. Gallentine, DO, FACNS
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Cecil D. Hahn, MD, MPH, FACNS
The Hospital for Sick Children

Mark Hallett, MD, FACNS
National Institutes of Health

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Duke University Hospital Program

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Duke University Medical Center

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*Kyoto University Graduate School of
Medicine*

Adam Juersvich, MD
University of Rochester School of Medicine

Mohammad MU Kabiraj, Sr., MBBS, PhD
Prince Sultan Military Medical City

Ioannis Karakis, MD, MSc
Emory University

Ekrem Kutluay, MD
Medical University of South Carolina

Gowri Lakshminarayan, MD
Stanford University Medical Center

Suzette M. LaRoche, MD, FACNS
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Jong Woo Lee, MD, PhD, FACNS
Brigham & Women's Hospital

Jaime R. Lopez, MD, FACNS
Stanford University

Daniela N. Minecan, MD
University of Michigan Health System

Heidi Munger Clary, MD, MPH
Wake Forest University

Christos Papadelis, PhD
Harvard Medical School

Eva K. Ritzl, MD
Johns Hopkins University

Raj D. Sheth, MD, FACNS
Mayo Clinic / Nemours Clinic-Florida

John Stern, MD
UCLA School of Medicine

William O. Tatum, DO, FACNS
Mayo College of Medicine

Amit Verma, MBBS
The Methodist Hospital

Courtney J. Wusthoff, MD
Stanford University

Ex-Officio:

Gloria Galloway, MD, FACNS
Ohio State University

Tobias Loddenkemper, MD, FACNS
Children's Hospital Boston

Stephan U. Schuele, MD, MPH, FACNS
Northwestern University

CME Committee

Chair:

Gloria Galloway, MD, FACNS

Members:

Nicholas S. Abend, MD, FACNS
Children's Hospital of Philadelphia

Meriem Bensalem-Owen, MD, FACNS
University of Kentucky

Jeffrey Britton, MD, FACNS
Mayo Clinic

Rohit Das, MD, FACNS
Indiana University

Charles M. Epstein, MD, FACNS
Emory University School of Medicine

Evan J. Fertig, MD
Northeast Regional Epilepsy Group

Susan T. Herman, MD, FACNS
Beth Israel Deaconess Medical Center

Pongkiat Kankirawatana, MD, FACNS
Children's of Alabama – UAB

Jong Woo Lee, MD, FACNS
Brigham & Women's Hospital

Mirela V. Simon, MD, FACNS
Massachusetts General Hospital

Saurabh R. Sinha, MD, PhD, FACNS
Duke University Medical Center

Christa Swisher, MD
Duke University Medical Center

GENERAL MEETING INFORMATION

About the Annual Meeting & Courses

This year's scientific program will feature the latest scientific advances in clinical neurophysiology presented by leading national and international experts in the field. This dynamic program has more choices than ever including the return of the Joint ACNS and International Society symposia, new morning workshops, and speakers who are experts in their field. The parallel sessions will provide simultaneous sessions for interests in EEG, electrodiagnosis and neurophysiologic intraoperative monitoring.

The meeting also features a number of opportunities for networking, including a Professional Development Mentorship Program in which residents and fellow applicants are paired with senior ACNS members and provided dedicated time in the program to interact. The annual Neurophys Bowl is a mainstay of the Annual Meeting program, allowing members and delegates a chance to challenge their knowledge of clinical neurophysiology in a competitive format.

Orlando Visitor Information

Nearest Airport: Orlando International Airport (MCO)

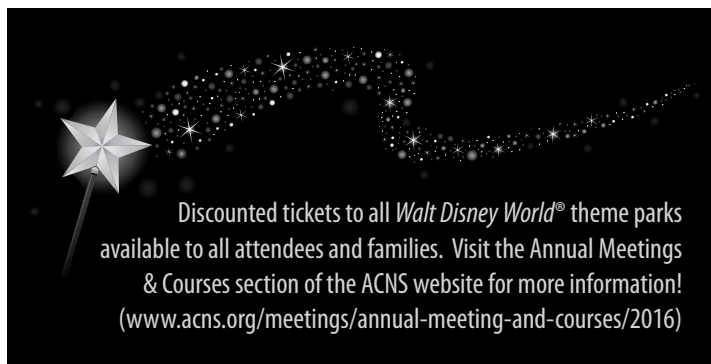
Average February Temperatures: High 73° F, Low 53° F

Orlando is the 26th largest city in the United States with a population of 2.1 million residents. Orlando is nicknamed the "Theme Park Capital of the World" drawing more than 57 million tourists each year.

The city offers numerous activities for varying interests, many of which are connected to the *Walt Disney World*® theme parks. *Walt Disney World*® opened in 1971 and has since expanded to now include more than 17 different attractions including *Magic Kingdom*®, *Disney's Animal Kingdom*®, *Epcot*®, *Legoland Florida* and *Disney's Hollywood Studios*®. In addition to the variety of theme parks, Orlando as a number of top ranked dining and entertainment experiences in the United States. If you would like to enjoy something outside of the *Walt Disney World*® realm, visit the Kennedy Space Center Visitor Complex or catch a round of golf at one of the top golf courses in Florida.

Orlando International Airport (MCO) offers more than 800 daily departures and services 36 million passengers annually. MCO is located 12 miles from downtown Orlando.

SunRail offers convenient transportation service for the Greater Orlando Area. Beginning in May 2014, SunRail connects Downtown Orlando to Orange and Volusia Counties.



Important Dates

Advanced Registration Open	September 1, 2015
Poster Abstract Submission Open	October 1, 2015
Poster Abstract Submission Deadline	November 15, 2015
Poster Abstract Decision Notification	December 15, 2015
Housing Deadline	January 18, 2016
Advanced Registration Deadline	January 18, 2016
Registration Cancellation Deadline	January 22, 2016
Courses Handout Website Open	February 2, 2016
CME Certificate Program Opens (pre-registered delegates)	February 10, 2016
CME Certificate Program Opens (delegates registering onsite)	March 8, 2016
CME Certificate Claim Deadline	April 1, 2016
Courses Handout Website Closes	April 30, 2016

Headquarters Hotel

Hilton Orlando Lake Buena Vista

1751 Hotel Plaza Blvd
Lake Buena Vista, Florida 32830
(407) 827-4000
Reservations: (800) 782-4414

Housing Reservations

A block of rooms has been reserved for ACNS Annual Meeting & Courses delegates at the Hilton Orlando Lake Buena Vista. Reservations will be accepted on a space-available basis, at the standard hotel rate after the housing deadline of January 18, 2016. Please reserve your rooms before the deadline to take advantage of the group rate.

ACNS Group Rate: \$189/night single/double occupancy
Group rate will be offered two days prior and two days following the dates of the Room Block, based on availability.

Housing Open: Now Open!
Housing Deadline: January 18, 2016

To make reservations online, visit the ACNS website:
www.acns.org/meetings/annual-meeting-and-courses/2016/housing-travel.

To make reservations by phone, call (800) 782-4414. If making reservations by phone, don't forget to mention the ACNS Annual Meeting to receive the group rate!

Registration Procedure

Save on registration fees and avoid long lines onsite when you register before the advance deadline of January 18! Online registration is a fast and easy way to register in advance, however, delegates may also register by completing and mailing or faxing the PDF registration form available online or on page 23.

To register online, go to the ACNS website: <http://www.acns.org/meetings/annual-meeting-and-courses/2016/registration>.

All registrations will be confirmed by email. If you do not receive a confirmation within two weeks of submission, please contact the ACNS Executive Office at (414) 918-9803 or info@acns.org.

CONTINUING MEDICAL EDUCATION (CME) INFORMATION

Educational Mission Statement

Purpose

The American Clinical Neurophysiology Society (ACNS) is a professional association dedicated to fostering excellence in clinical neurophysiology and furthering the understanding of central and peripheral nervous system function in health and disease through education, research, and the provision of a forum for discussion and interaction.

Content

ACNS is committed to providing continuing medical education to its members and others interested in clinical neurophysiology. Educational objectives include 1) Reviewing current knowledge of clinical neurophysiology including: electroencephalography, evoked potentials, electromyography, nerve conduction studies, intraoperative monitoring, polysomnography and other sleep technology, quantitative neurophysiological methods, magnetoencephalography, sleep disorders, epilepsy, neuromuscular disorders, brain stimulation, brain-computer interfacing, and related areas; and 2) Informing course and meeting attendees of recent technological developments and their implications for clinical practice.

Target Audience

The Society's educational activities are directed to clinical neurophysiologists, neurologists, psychiatrists, physiatrists, neurosurgeons, trainees in these disciplines and other physicians and researchers who utilize clinical neurophysiological techniques and knowledge in the diagnosis and management of patients with disorders of the nervous system.

Expected Result

Attendees will improve competence in clinical neurophysiology procedures and incorporate new technological advancements into their practice.

Gaps and Needs

In compliance with the Updated Accreditation Criteria of the Accreditation Council for Continuing Medical Education (ACCME), the Continuing Medical Education Committee of the ACNS has identified "professional practice gaps." Definition: A "professional practice gap" is the difference between what a health professional is doing or accomplishing compared to what is achievable on the basis of current professional knowledge.

The following professional practice gaps and educational needs were identified by a combined effort of the Program, Course and CME Committees.

Gap 1. Emerging Areas of Practice

Neurophysiologic intraoperative monitoring (NIOM) and intensive care unit EEG monitoring (ICU EEG) are new and rapidly evolving areas of clinical neurophysiology. Few practicing neurologists have adequate training in these techniques, and physicians with competence in these areas are in great demand. Educational activities should cover both basic methodologies for those practitioners new to ICU EEG and NIOM, and innovative techniques.

Gap 2. General Practice of Clinical Neurophysiology

Clinical neurophysiology procedures are performed by a large proportion of practicing US neurologists, many of whom have little or no formal training in clinical neurophysiology. Many clinical neurophysiology procedures (e.g. evoked potentials, invasive EEG) are performed at low volume at most centers, and a forum for review and hands-on interpretation are essential to maintain competence in these areas.

Several specific topics with significant gaps between current practice and ideal practice have been identified via review of the literature, review of clinical neurophysiology fellowship curricula, and surveys of ACNS members and Annual Meeting attendees.

These include:

- Peripheral neurophysiology, Pediatric EMG, critical illness related neurophysiology, and muscle ultrasound
- Basic EEG: Identification of normal variants, identification of artifacts, clinical correlation
- Pediatric EEG, especially neonatal EEG
- Digital EEG processing, e.g. quantitative EEG and trends for use in the intensive care unit, source localization, coregistration with neuroimaging, etc.
- Full band EEG, Ultrafast and ultraslow EEG
- NIOM: Motor evoked potentials, guidelines and standards of care for NIOM (e.g. indications, cost effectiveness)
- Evoked potentials: Current role of short- and long-latency EPs
- Video-EEG monitoring, especially invasive EEG
- Sleep, Use of new scoring system, implications for patient care

Changes in Behavior/Practice

It is intended that, as a result of attending the meeting and/or courses, physician attendees will be able to identify changes in competence or performance that are desirable. Definitions: "Competence" is knowing how to do something. "Performance" is what the physician would do in practice, if given the opportunity

Evaluation

The updated ACCME accreditation criteria are designed to integrate with the new requirements for maintenance of certification (for more information see www.ABPN.org). Physicians are expected to perform self-assessments of their practice, but the ACNS, as an organization accredited by the ACCME, is expected to measure how its educational activities assist physicians in this activity. Thus, there are new questions in the evaluation form. These questions address your intended changes in competence or performance. In a few months, we will contact all physician meeting attendees to ask you if you actually HAVE experienced changes in competence or performance. Your responses, now and in the future, will assist us and ultimately you in determining educational activities that are most useful to you.

Policy on Financial Disclosures

It is the policy of ACNS to ensure balance, independence, objectivity and scientific rigor in all its individually sponsored or jointly sponsored educational programs. In order to comply with the ACCME's Updated Standards for Commercial Support, ACNS requires that anyone who is in a position to control the content of an educational activity discloses all relevant financial relationships with any commercial interest pertaining to the content of the presentation. Should it be determined that a conflict of interest exists as a result of a financial relationship of a planner of the CME activity, the planner must recuse himself or herself from the planning for that activity or relevant portion of that activity. All presentations for which the presenter disclosed a potential conflict of interest are peer reviewed by two members of the ACNS CME Committee with no relationships. If bias is found, the presenter is asked to make changes to the presentation and

CME INFORMATION — CONTINUED

it is re-reviewed for bias before final approval. Refusal to disclose a conflict or the inability to resolve an identified conflict precludes participation in the CME activity. Complete conflict of interest disclosure information is printed in the final program for the activity. A learner may request additional information regarding the nature of a planner or speaker's disclosure if "No Relevant Relationships" has been indicated below. To request additional information, contact the ACNS Executive office at info@acns.org.

Meeting Description

The ACNS Annual Meeting & Courses are designed to provide a solid review of the fundamentals and the latest scientific advances in both "central" and "peripheral" clinical neurophysiology. Presentations at the Annual Meeting & Courses are given by leading experts in the field and have value for health care professionals who utilize clinical neurophysiology. Sessions include symposia, workshops, courses and Special Interest Groups, featuring didactic lectures, expert panels, debates and interactive formats. Poster presentations at the Annual Meeting highlight the latest work conducted at clinical neurophysiology centers around the country.

Annual Courses Learning Objectives

At the end of the Annual Courses, the participant will be able to:

1. Describe the indications for use of clinical neurophysiology techniques in diagnosis of disorders of the nervous system;
2. Incorporate new neurophysiology procedures and technological advances into his/her own clinical practice; and
3. Perform and interpret a broad range of clinical neurophysiology procedures, and integrate the results of these tests into comprehensive patient management plans.

Annual Meeting Learning Objectives

At the end of the Annual Meeting, the participant will be able to:

1. Discuss recent advances in electroencephalography, evoked potentials, ALS, magnetoencephalography, practice technologies, nerve conduction studies and other clinical neurophysiology techniques; and
2. Apply advances in clinical neurophysiology techniques to improve the diagnosis of neurologic disorders.

Accreditation Statement

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 sponsorship of ACNS. ACNS is accredited by ACCME to provide continuing medical education for physicians.

Credit Designation

ACNS designates the Annual Meeting for a maximum 16 *AMA PRA Category I Credit(s)*TM. Physicians should claim only credit commensurate with the extent of their participation in the activity.

ACNS designates the Annual Courses for the maximum number of *AMA PRA Category I Credit(s)*TM.

Evoked Potentials

1.5 *AMA PRA Category I Credit(s)*TM

EMG & EEG Technology

1.5 *AMA PRA Category I Credit(s)*TM

Neurophysiologic Intraoperative Monitoring (NIOM) Part I*

6.5 *AMA PRA Category I Credit(s)*TM

Intensive Care Unit EEG Monitoring (ICU EEG)*

6.5 *AMA PRA Category I Credit(s)*TM

Introduction Stereo-EEG

1.5 *AMA PRA Category I Credit(s)*TM

Non-Invasive Brain Stimulation Technology

1.5 *AMA PRA Category I Credit(s)*TM

Applied Cases in Central Neurophysiology & Video-EEG

1.5 *AMA PRA Category I Credit(s)*TM

Neurophysiologic Intraoperative Monitoring (NIOM) Part II*

6.5 *AMA PRA Category I Credit(s)*TM

Electrocorticography (ECoG)/Invasive EEG

6.5 *AMA PRA Category I Credit(s)*TM

Applied Cases in Peripheral Neurophysiology

1.5 *AMA PRA Category I Credit(s)*TM

Autonomic Neurophysiology

1.5 *AMA PRA Category I Credit(s)*TM

Business in Clinical Neurophysiology

1.5 *AMA PRA Category I Credit(s)*TM

Video-EEG

3 *AMA PRA Category I Credit(s)*TM

EMG

3 *AMA PRA Category I Credit(s)*TM

Tricky Neonatal & Childhood EEG Variants

3 *AMA PRA Category I Credit(s)*TM

**Credit counts are tentative and subject to change, pending final program revisions. Final credit counts and additional information will be available shortly at www.acns.org/meetings/annual-meeting-and-courses/2016*

CALL FOR POSTER ABSTRACTS

Submission Dates

Poster abstract submission opened on October 1, 2015. All abstracts must be submitted online by Sunday, November 15, 2015 at 11:59pm ET. No exceptions will be made.

Online Abstract Submission

Poster abstracts must be submitted through the ACNS Session Management website (<https://acns2016.abstractcentral.com>). Complete instructions for submission are available online. Abstracts that have been mailed, emailed or faxed will not be accepted. Anyone may submit a poster abstract to ACNS. Membership in ACNS is not required for poster abstract submission.

Abstract Review

All abstracts submitted will be reviewed, evaluated for scholarly and relevant content, and graded in blinded fashion by the ACNS Program Committee. The review process takes approximately four weeks, and acceptance notification will be made by email no later than December 15, 2015.

Abstract Categories

Abstracts submitted to the 2016 ACNS Annual Meeting must fit into one of the following categories to be considered for presentation:

- Autonomic Function and its Disorders
- Basic Neurophysiology
- Critical Care Monitoring
- Deep Brain and Cortical Stimulation
- Digital/Quantitative EEG and Topography
- EEG
- EMG/NCV Testing
- Epilepsy: Clinical
- Epilepsy: Pathophysiology
- Evoked Potentials
- Functional Imaging
- Intraoperative Monitoring
- Magnetoencephalography
- Peripheral Neuropathy/Neuromuscular
- Sensory/Motor Physiology
- Sleep
- Video-EEG Monitoring for Epilepsy

Abstract Types

Two types of poster abstracts submissions will be accepted: Regular Submission or Case Report Submission. Both types of submissions will follow the same review process. Abstract titles are limited to 60 characters and 200 words for the additional required fields listed below for each submission type:

Regular Submission

- Introduction
- Methods
- Results
- Conclusion

Case Report Submission

- Introduction
- Case Report/Case History
- Conclusion

Previous Publication or Presentation

Abstracts which have been published in journals, meeting proceedings, or other publication, as well as those presented at meetings prior to the ACNS meeting are eligible and welcome for submission. All poster abstracts presented at the Annual Meeting will be published in the Journal of Clinical Neurophysiology.

Author Attendance Requirement

By submitting an abstract to 2016 ACNS Annual Meeting, abstract authors are agreeing that at least one author will attend the meeting and will be available to present on the date and time assigned by the Program Committee. Authors will be notified of presentation dates and times at the time of notification of acceptance and are expected to make appropriate travel arrangements to ensure that at least one of the abstract's authors will be in attendance. In addition, presenting authors are expected to register to attend the meeting by the deadline set forth in their acceptance notification. Abstracts for which an author is not pre-registered by the dates set forth will automatically be withdrawn from the program. Poster setup is tentatively scheduled for Thursday, February 11 and posters will be displayed Friday, February 12 – Saturday, February 13, 2016.

Poster Cancellation Policy

At least one author or co-author on all posters is expected to register to attend the meeting for which they are accepted by the deadlines set forth in their acceptance notification. If this author cancels their registration prior to the meeting, the poster may be withdrawn from the program.

Young Investigator Travel Award

Several young physician investigators will be awarded travel fellowships of \$1,000 each. These fellowships are determined based upon the ranking of the applicant's abstract by the Program Committee.

Eligibility Criteria

Applicant must be: (1) a current ACNS member or apply for membership concurrent with application for Travel Award; (2) a resident, fellow, or junior faculty within two years of completion of fellowship training; and (3) be the first author of an abstract submitted to the Annual Meeting. Applicant must meet the entire aforementioned criteria in order to be considered for the Young Investigator Travel Award. Prior recipients of Travel Fellowships are not eligible for additional Travel Fellowship awards.

Selection

Awardees will be chosen based on the quality of submitted abstracts, as ranked by the ACNS Program Committee. A total of six travel fellowships will be awarded for the ACNS 2016 Annual Meeting. Additional travel awards may be awarded if funding is available.

Award

Awardees will receive complimentary registration for the meeting and reimbursement of travel funds up to \$1,000, upon provision of an expense voucher, and original receipts. Awardees will be recognized at an award ceremony during the Annual Meeting. Awards are one-time only.

CALL FOR POSTER ABSTRACTS — CONTINUED

Procedures

Upon close of abstract submission, the ACNS Program Committee will review, evaluate, and rank abstracts, including all candidates for consideration to receive a travel award. The Program Committee Co-Chairs will select the final six awardees based on the collective rankings from the Program Committee. ACNS will notify awardees of decision no later than December 1, 2015. Awardees will then be expected to accept invitation by the deadlines set forth in their acceptance notifications, as well as register for the Annual Meeting, and secure travel arrangements. Upon provision of an expense voucher, including original receipts, reimbursement will be provided to award recipients, no later than 30 days after the Annual Meeting.

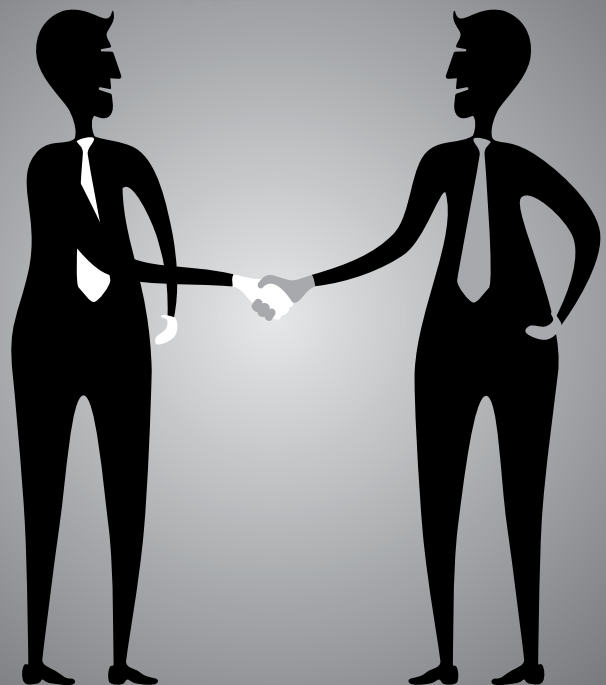
Cancellation Policy

Award recipients are expected to register to attend the Annual Meeting by the deadlines set forth in their acceptance notification. If an award recipient cancels their registration prior to the meeting, the Travel Award may be withdrawn from the individual and designated to another candidate.

ACNS Professional Development Mentorship Program

Once again this year, the Annual Meeting will include a professional development session for clinical neurophysiologists. The program is targeted to neurology residents, clinical neurophysiology fellows, and junior faculty at the instructor or assistant professor level. Attendees will be matched with a clinical or research mentor in clinical neurophysiology for a one-on-one mentoring event during the Annual Meeting. The goals of the program are to foster career development in clinical neurophysiology, ensure active participation in many activities of ACNS and facilitate networking.

Please sign up on the registration form to be matched with a mentor, or to volunteer to serve as a mentor!



AWARD RECIPIENTS & LECTURES

The ACNS Awards Committee is pleased to congratulate the 2016 ACNS award recipients

HERBERT H. JASPER AWARD PRESENTATION & LECTURE

Saturday, February 13, 2016 – 10:15am



“My Memories of Dr. Jasper and My View of the Future of Clinical Neurophysiology as a Discipline”

Donald L. Schomer, MD, FACNS

The Jasper Award is presented annually to an individual who has made a lifetime of outstanding contributions to the field of clinical neurophysiology. Dr. Schomer will be recognized during a general session on Saturday, February 13, 2016. Dr. Schomer is a professor of Neurology at Harvard University and director of clinical neurophysiology at Beth Israel Deaconess Medical Center in Boston, Massachusetts.

PIERRE GLOOR AWARD PRESENTATION & LECTURE

Friday, February 12, 2016 – 12:00pm



“The Possibilities and Perils of Transcranial Brain Stimulation”

John Rothwell, PhD

The Gloor Award is presented annually for outstanding current contributions to clinical neurophysiology research. Prof. Rothwell will be recognized and will deliver the 2016 Gloor Address on Friday, February 13, 2016. Dr. Rothwell is currently a professor of Human Neurophysiology at UCL Institute of Neurology in London, England. He was also elected a Fellow of the Academy of Medical Sciences in 1994.

ROBERT S. SCHWAB AWARD PRESENTATION & LECTURE

Saturday, February 13, 2016 – 6:15pm



“Livy and the Future of Clinical Neurophysiology”

Morris Fisher, MD, FACNS

The Schwab Award is presented annually to an individual who has made significant contributions in the area of clinical neurophysiology. Dr. Fisher will be recognized and deliver the 2015 Schwab Award address on Saturday, February 13, 2016. Dr. Fisher is a professor of neurology at Loyola University Medical Center.

ANNUAL COURSES • PROGRAM OVERVIEW

Wednesday, February 10, 2016

- 7:00 – 8:30am **Evoked Potentials**
Co-Directors: Alan Legatt, MD, PhD, FACNS & Elayna Rubens, MD, FACNS
- 7:00 – 8:30am **EMG and EEG Technology**
Co-Directors: Susan T. Herman, MD, FACNS & Seward Rutkove, MD
- 9:00am – 5:00pm **Neurophysiologic Intraoperative Monitoring (NIOM): Part I**
Co-Directors: Aatif M. Husain, MD, FACNS & Michael McGarvey, MD, FACNS
- 9:00am – 5:00pm **Intensive Care Unit EEG Monitoring**
Co-Directors: Cecil D. Hahn, MD, MPH, FACNS & Jong Woo Lee, MD, PhD, FACNS

Thursday, February 11, 2016

- 7:00 – 8:30am **Stereo-EEG**
Co-Directors: Stephan U. Schuele, MD, MPH, FACNS & Nitin Tandon, MD
- 7:00 – 8:30am **Non-Invasive Brain Stimulation Technology**
Co-Directors: Charles Epstein, MD, FACNS & Alexander Rotenberg, MD, PhD
- 9:00 – 10:30am **Applied Cases in Central Neurophysiology and Video-EEG**
Co-Directors: William O. Tatum, IV, DO, FACNS & Selim Benbadis, MD, FACNS
- 9:00am – 5:00pm **Neurophysiologic Intraoperative Monitoring (NIOM): Part II**
Co-Directors: Aatif M. Husain, MD, FACNS & Michael McGarvey, MD, FACNS
- 9:00am – 5:00pm **Electrocorticography & Invasive EEG**
Co-Directors: Stephan U. Schuele, MD, MPH, FACNS & Lawrence J. Hirsch, MD, FACNS
- 10:45am – 12:45pm **Applied Cases in Peripheral Neurophysiology**
Co-Directors: Jaime R. López, MD, FACNS & Elliott Dimberg, MD
- 1:00 – 2:30pm **Autonomic Neurophysiology**
Co-Directors: Claus Reinsberger, MD, PhD & Jeffrey Liou, MD
- 3:00 – 4:30pm **Business of Clinical Neurophysiology**
Co-Directors: Deborah Briggs, MD, FACNS & Yafa Minazad, MD, FACNS

Friday, February 12, 2016

- 7:30 – 10:30am **Video-EEG**
Co-Directors: Phillip Pearl, MD, FACNS & Michael Sperling, MD, FACNS
- 7:30 – 10:30am **EMG**
Co-Directors: Francis O. Walker, MD, FACNS & Devon Rubin, MD
- 7:30 – 10:30am **Tricky Neonatal & Pediatric EEG Variants**
Co-Directors: Mark Scher, MD & Courtney Wusthoff, MD

**More information, including full agendas & faculty lists coming soon to the ACNS website
www.acns.org/meetings/annual-meeting-and-courses/2016**

ANNUAL MEETING • PROGRAM AGENDA

Friday, February 12, 2016

7:30 – 10:30am

Morning Workshops

Available to attendees at no additional cost, but requires registration, as capacities are limited.

Stereoelectroencephalography (SEEG) Case-Based Workshop

Session Director: Giridhar Kalamangalam, MD, Phil, FACNS

- 7:30am Introduction & Case I
Giridhar Kalamangalam, MD
- 8:15am Case II
Stephen Thompson, MD
- 8:45am Surgical Aspects and Electrode Visualization
Nitin Tandon, MD
- 9:15am Case III
Christopher Skidmore, MD
- 9:45am Case IV & Conclusions
Stephan U. Schuele, MD, MPH, FACNS

Electro-Clinical Approach to Epilepsy Surgery in the Setting of Multiple Lesions

Session Director: Ahsan Moosa Naduvil Valappil, MD

- 7:30am Electroclinical Features of Refractory Epilepsy Due to Multilobar Lesions in Children
Elaine Wyllie, MD
- 8:00am Intra-Operative Electrocorticogram in Multilesional Epilepsy- Role and Pitfalls
Douglas R. Nordli, MD, FACNS
- 8:30am Multiple Lesions and Refractory Epilepsy: Which is the Epileptogenic Lesion?
Ahsan Moosa Naduvil Valappil, MD

Electrocortical Functional Mapping: Tips, Techniques and Strategies in Adults and Children

Session Co-Directors: David Gloss, MD & Elson Lee So, MD, FACNS

- 7:30am Introduction
- 7:40am Electrocorticography for Functional Mapping: The Evidence
David Gloss, MD
- 8:20am Electrocortical Functional Mapping: Special Issues in Children
Prasanna Jayakar, MD
- 8:50am Discussion
- 9:10am Electrocorticography for Functional Mapping: Step-by-Step Strategy
Elson Lee So, MD, FACNS
- 9:40am Adult Case Discussion
Eva K. Ritzl, MD, FACNS
- 10:00am Cases of Direct Cortical SSEPs for Sensorimotor Mapping
Mirela V. Simon, MD, MSc, FACNS
- 10:20am Discussion - Closing Remarks

ANNUAL MEETING • PROGRAM AGENDA

Friday, February 12, 2016

10:30 – 11:00am

Exhibit and Poster Hall Open

11:00am – 12:45pm

Opening General Session

Co-Chairs: Devon I. Rubin, MD & Stephan U. Schuele, MD, MPH, FACNS

11:00am

Welcome

11:10am

Introduction of the ACNS President

*Jonathan C. Edwards, MD, FACNS
ACNS First Vice-President*

11:20am

Presidential Lecture

William O. Tatum, IV, DO, FACNS

12:00pm

Introduction and Gloor Award Presentation

Mark Hallett, MD, FACNS

12:05pm

Gloor Award Lecture

*"The Possibilities and Perils of Transcranial Brain Stimulation"
John Rothwell, PhD*

12:45 – 2:00pm

Lunch – Visit Exhibits and Poster Tours

2:00 – 3:30pm

Concurrent Sessions

Pediatric EEG Patterns and Electroclinical Syndromes, Meanings and Realities in the Modern Era

Session Director: Elia Pestana Knight, MD, FACNS

2:00pm

Hypsarrhythmia Classic and Modified Variations: Implications for Current Clinical Practice
John Milichap, MD

2:20pm

CDKL5 Disease: Seizure Types and EEG Markers of the Disease
Heather Olson, MD

2:40pm

Migrating Partial Epilepsy of Infancy: Implications for Etiological Diagnosis
Elia M. Pestana Knight, MD, FACNS

3:00pm

Panayiotopoulos Syndrome: Expanding the Clinical Spectrum or When Not to Treat!
Elaine Wyllie, MD

3:20pm

Discussion

MEG: Workshop

Session Director: Richard C. Burgess, MD, PhD, FACNS

ANNUAL MEETING • PROGRAM AGENDA

Friday, February 12, 2016



Intraoperative Motor Evoked Potentials Beyond the Standard Techniques (Joint ACNS/SBNC Symposium)

Session Director: Paulo Kimaid, MD

- 2:00pm Transcranial MEP: Single or Double Trains
Aatif M. Husain, MD, FACNS
- 2:20pm Transcranial MEP: Utility of Recording From Cranial Nerve Innervated Muscles
Paulo Kimaid, MD
- 2:40pm Spinal MEP or Multipulse Thoracic Pedicle Track Stimulation Utility
Rafael de Castro, MD
- 3:00pm Direct Cortical Stimulation MEP
Aatif M. Husain, MD, FACNS
- 3:20pm Discussion



Non-Peripheral Findings in ALS: Abnormal Excitability, Central Motor Conduction and Sleep Disorders (Joint ACNS/Mexican Clinical Neurophysiology Society Symposium)

Session Director: Jaime Ramos-Peek, MD

- 2:00pm Motor Evoked Potentials in ALS Patients
Armando Valdes-Tello, MD
- 2:25pm Upper Motor Neuron Effects on the EMG of ALS Patients
Jorge Burgos, MD
- 2:50pm Sleep Breathing Disorders in ALS
Jaime Ramos-Peek, MD
- 3:15pm Discussion

3:30 – 4:00pm Coffee Break – Visit Exhibits and Posters

4:00 – 5:30pm Concurrent Sessions: Special Interest Groups

NIOM

Session Director: Jaime R. Lopez, MD, FACNS

EMG

Session Director: Suraj Muley, MD

Critical Care

Session Co-Directors: Nicholas S. Abend, MD, FACNS & Elizabeth Gerard, MD, FACNS

Intracranial EEG – SEEG

Session Co-Directors: Stephan U. Schuele, MD, MPH, FACNS & Gregory Worrell, MD

5:30 – 5:45pm Walking Break

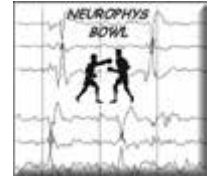
ANNUAL MEETING • PROGRAM AGENDA

Friday, February 12, 2016

5:45 – 7:00pm

Neurophys Bowl

The annual Neurophys Bowl is an edu-taining event with participating teams battling against one another, testing their knowledge in clinical neurophysiology. If you would like to sign up or register a team, email info@acns.org.



7:00 – 8:30pm

Welcome Reception

Complimentary hors d'oeuvres and cash bar will be available to all attendees. Visit exhibits and socialize with your colleagues. This is a great opportunity to network and connect with other meeting attendees!

Saturday, February 13, 2016

7:00 – 8:00am

Continental Breakfast – Visit Exhibits and Poster Tours

8:00 – 9:30am

Concurrent Sessions

Montage Matters: Designing EEG Montages for Optimal Localization

Session Director: Jayant Acharya, MD

8:00am

Overview: Standard Montages and Principles of Localization

Jayant Acharya, MD

8:20am

Montages for Non-invasive Presurgical Video-EEG Monitoring

Giridhar Kalamangalam, MD, Phil, FACNS

8:40am

Montages for Invasive Presurgical Video-EEG Monitoring

Juan Bulacio, MD

9:00am

Clinical Utility of Specific Montages for Epilepsy Syndromes

Ekrem Kutluay, MD

9:20am

Discussion

Stand-Alone Home Video: A New Tool for the Diagnosis of Seizures?

Session Director: Selim Benbadis, MD, FACNS

8:00am

A Sampler from the Clinic (5-6 videos)

Meriem Bensalem-Owen, MD, FACNS

8:45am

A Sampler from YouTube (5-6 videos)

Lawrence J. Hirsch, MD, FACNS

Interpreting Challenging Electrodiagnostic Findings - An Interactive Case-Based Approach

Session Director: Devon I. Rubin, MD

8:00am

Challenging NCS and Needle EMG Findings

Paul E. Barkhaus, MD

8:30am

Challenging NCS and Needle EMG Findings

Elliot Dimberg, MD

9:00am

Challenging NCS and Needle EMG Findings

Devon I. Rubin, MD

9:30 – 10:30am

Coffee Break – Visit Exhibits and Posters

ANNUAL MEETING • PROGRAM AGENDA

Saturday, February 13, 2016

10:00 – 11:00am

General Session

10:00am

Young Investigator Travel Award Presentation

The top six poster abstracts submitted to the Annual Meeting are awarded travel fellowships. Recipients will be recognized by the Program Committee.

Stephan U. Schuele, MD, MPH, FACNS

10:15am

Introduction and Jasper Award Presentation

Frank Drislane, MD, FACNS

10:20am

Jasper Award Lecture

“My Memories of Dr. Jasper and My View of the Future of Clinical Neurophysiology as a Discipline”

Donald L. Schomer, MD, FACNS

11:00 – 11:15am

Walking Break

11:15am – 12:45pm

Concurrent Sessions

New Insights in the Mechanism of Sudden Unexpected Death in Epilepsy

Session Director: James Tao, MD, PhD, FACNS

11:15am

Spreading Depolarization in the Brainstem and SUDEP

Jeffrey Noebels, MD, PhD

11:30am

Cardiac and Autonomic Mechanisms Contributing to SUDEP

Adriana Bermeo Ovalle, MD

11:45am

Electrical Cerebral Shutdown and Central Apnea in the Mechanism of SUDEP

Samden Lhatoo, MD

12:00pm

Neurogenic Pulmonary Edema and Hypoxemia Mechanism of SUDEP

Jeffrey Kennedy, MD

12:15pm

Postictal EEG Suppression and Impaired Arousal in the Mechanism of SUDEP

James Tao, MD, PhD, FACNS

12:30pm

Discussion

The New Landscape of Neurostimulation a Myriad of Choices

Session Director: Dawn Eliashiv, MD, FACNS

11:15am

The Clinical and Neurophysiological Basis of Neurostimulation

Dawn Eliashiv, MD, FACNS

11:35am

Cranial Neurostimulation: Cumulative Evidence Based Experience and Evolving Options

Christopher DeGiorgio, MD

11:55am

Responsive Neurostimulation: Choosing Parameters and Clinical Update

Lawrence J. Hirsch, MD, FACNS

12:15pm

Deep Brain Stimulation

TBD

12:35pm

Discussion

ANNUAL MEETING • PROGRAM AGENDA

Saturday, February 13, 2016

Can Clinical Neurophysiology Makes Sports Healthier (and Better)?

Session Director: Claus Reinsberger, MD

- 11:15am Neurophysiology of Concussion
Jeffrey Kutcher, MD
- 11:40am Neurophysiological Assessment of Overuse/Dystonia
Mark Hallett, MD, FACNS
- 12:05pm Neurophysiology of Soccer: Performance Optimization, Overtraining and More
Claus Reinsberger, MD
- 12:30pm Discussion

History and Future of Clinical Neurophysiology

Session Director: Ioannis Karakis, MD, MSc

- 11:15am History and Future of EEG
Andrew Cole, MD
- 11:40am Discussion
- 11:45am History and Future of EMG
Ioannis Karakis, MD, MSc
- 12:10pm Discussion
- 12:15pm History and Future of IOM
Mirela V. Simon, MD, FACNS
- 12:40pm Discussion

12:45 – 2:00pm

Lunch – Visit Exhibits and Posters

2:00 – 3:30pm

Concurrent Sessions

Clinical Neurophysiology Trials and Tribulations in Neurocritical Care

Session Co-Directors: Jong Woo Lee, MD, PhD, FACNS & Cecil D. Hahn, MD, MPH, FACNS

- 2:00pm Introduction
Jong Woo Lee, MD, PhD, FACNS
- 2:05pm Lessons from TRENDs
Aatif M. Husain, MD, FACNS
- 2:20pm Finding NEMO
Ronit Pressler, MD
- 2:40pm A SAGE-547 Approach to SRSE
Henrikas Vaitkevicius, MD
- 3:00pm Notes from TELESTAR
Michel J. Van Putten, MD, MSc, PhD
- 3:20pm Wrap Up

ANNUAL MEETING • PROGRAM AGENDA

Saturday, February 13, 2016

Remote EEG Monitoring: Building a Network

Session Director: Amy Crepeau, MD

2:00pm Increasing Demand for Remote EEG Services: How We Got Here
Amy Crepeau, MD

2:20pm Contract Considerations for Remote EEG Services
Matthew Hoerth, MD

2:40pm Making it Happen: Technicians and IT
Susan Agostini, R. EEG T, R. EP T

3:00pm Communications and Challenges in Remote EEG Interpretation
Stephen Hantus, MD, FACNS

3:20pm Discussion

Toxic and Drug Induced Peripheral Neuropathies

Session Director: Alessia Nicotra, MD

2:00pm Pathophysiology of Peripheral Neuropathies
John England, MD

2:30pm Evaluation and Management of Drug-Induced Peripheral Neuropathies
Tihomir Ilic, MD

3:00pm Drug-Induced Peripheral Neuropathy and Other Adverse Effects: The Thalidomide Disaster
Alessia Nicotra, MD

REM Sleep Behavior Disorder and REM Sleep without Atonia: Diagnosis and Treatment

Session Director: Erik St. Louis, MD

2:00pm REM Sleep Behavior Disorder: Clinical Presentation, Neurological Features, and Treatment
Michael J. Howell, MD

2:45pm REM Sleep Without Atonia: Scoring Methods, Associations and Clinical Implications
Erik St. Louis, MD

3:30 – 3:45pm Walking Break

3:45 – 5:15pm Concurrent Sessions: Special Interest Groups

MEG

Session Director: Anto Bagic, MD, PhD, FACNS

Non-Invasive Methods of Cortical Mapping

Session Director: Daniel Orta, MD

Neonatal and Infantile EEG and Seizure Patterns: When do we Need an EEG?

Session Co-Directors: Tobias Loddenkemper, MD, FACNS & Heather Olsen, MD

The EEG a Great Tool

Session Director: Juan Ochoa, MD

5:15 – 5:30pm Walking Break

ANNUAL MEETING • PROGRAM AGENDA

Saturday, February 13, 2016

5:30 – 7:00pm

General Session

5:30pm

Research Highlights

Co-Chairs: Lawrence J. Hirsch, MD, FACNS & Jonathan Halford, MD, FACNS

Selected by the session co-chairs, this session will highlight 4-6 of the top submitted poster abstracts at the Annual Meeting. All submitted abstracts may be considered.

6:15pm

Introduction and Schwab Award Presentation

Devon I. Rubin, MD

6:20pm

Schwab Award Lecture

“Livy and the Future of Clinical Neurophysiology”

Morris Fisher, MD, FACNS

7:00 – 7:30pm

Annual Business Meeting

All delegates are welcome to attend, but only qualifying ACNS members may vote.

Sunday, February 14, 2016

7:00 – 8:00am

Continental Breakfast

8:00 – 9:30am

Concurrent Sessions

Functional Neurosurgery and NIOM – From Spine to Brain

Session Director: Jay Shils, PhD, DABNM, FACNS

8:00am

Functional Neurosurgery and NIOM

Jay Shils, PhD, DABNM, FACNS

8:25am

Functional Neurosurgery and NIOM

Jeff Arle, MD, PhD, FAAN

8:50am

Functional Neurosurgery and NIOM

Mark Stecker, MD, PhD, FACNS

9:15am

Interactive Real Life Scenarios

The Future of EMG in the Current Medical Environment

Session Director: Morris Fisher, MD, FACNS

8:00am

Current EMG: A Historical Viewpoint

Morris Fisher, MD, FACNS

8:20am

EMG: A Future Perspective

Francis O. Walker, MD, FACNS

8:40am

EMG: The Present and the Future – A Mayo Clinic Perspective

Devon I. Rubin, MD

9:00am

EMG and Private Practice: Going the Way of the Dinosaur?

John Wilson, MD

9:20am

Discussion

New Frontiers in Electrocorticography

Session Director: Anthony L. Ritaccio, MD

8:00am

Decodification of the Brain by Electrocorticography

Anthony L. Ritaccio, MD

8:30am

Brain-computer Interfacing Using Electrocorticographic (ECoG) Activity

Aysegul Gunduz, PhD

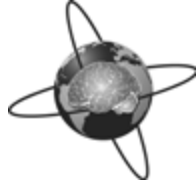
9:00am

Modern Understanding of ECoG-Based Neurophysiology

Gerwin Schalk, PhD

ANNUAL MEETING • PROGRAM AGENDA

Sunday, February 14, 2016



Multimodal Strategies in Surgical Epilepsy Planning (Estrategias Multimodales en la Planeación de Cirugía de Epilepsia (Joint ACNS/Latin American Neurophysiology Society))

Session Director: Adriana Bermeo-Ovalle, MD

NOTE: This session will be presented in Spanish.

- 8:00am Use of Semiology and Non-invasive EEG for the Localization of the Epileptogenic Zone: Special Considerations for Children (Uso de Semiología y EEG No-invasivo en la Localización del Area Epileptogénica: Consideraciones Especiales en Niño's)
Elia M. Pestana Knight, MD, FACNS
- 8:20am Non-Invasive Tools for Multimodal Evaluation in Refractory Epilepsy: Nuclear Medicine Studies and MEG (Herramientas no-Invasivas para la Evaluación Diagnóstica Multimodal en Epilepsia Refractaria: Estudios de Medicina Nuclear y MEG)
Adriana Bermeo-Ovalle, MD
- 8:40am How to Plan an Invasive EEG Evaluation and How to Use the Information Acquired (Como Planear una Evaluación Invasiva de EEG y Como Usar la Información Adquirida)
Juan Bulacio, MD
- 9:00am Update on Outcomes in Epilepsy Surgery (Actualización Sobre rResultados en Cirugía de Epilepsia)
Andres Kanner, MD
- 9:20am Discussion

9:30 – 10:00am

Coffee Break

10:00 – 11:30am

Concurrent Sessions

QEEG During Invasive Epilepsy Monitoring

Session Director: Gregory Worrell, MD

Clinical Neurophysiology of Insular Cortex Epilepsy

Session Director: Dang K. Nguyen, MD, PhD, FRCPC

- 10:00am The Structure and Function of the Insula
Olivier Boucher, PhD
- 10:20am Video-Scalp EEG Investigation of Insular Cortex Epilepsy
Dang K. Nguyen, MD, PhD, FRCPC
- 10:40am Value of MEG and EEG-FMRI in the Investigation of Insular Cortex Epilepsy
Younes Zerouali, PhD
- 11:00am Invasive EEG Investigations of Insular Interictal and Ictal Abnormalities
Philippe Ryvlin, MD, PhD
- 11:20am Discussion

ANNUAL MEETING • PROGRAM AGENDA

Sunday, February 14, 2016

Functional Brain Mapping: Overview and Future Directions

Session Director: Daniela N. Minecan, MD

- 10:00am Function Brain Mapping Review: Neurophysiology, Methodologies, Cortical Versus Subcortical
Daniela N. Minecan, MD
- 10:15am Functional Brain Mapping: Are Children Different?
TBD
- 10:30am Functional Brain Mapping in Stereo EEG
Patrick Chauvel, MD
- 10:45am Intra-Operative Awake Cortical and Subcortical Mapping in Brain Tumor Cases
Matthew Tate, MD
- 11:00am Advances in Neuroengineering: What does the Future Hold for Functional Brain Mapping?
Brian Litt, MD
- 11:15am Discussion

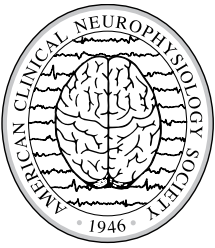
What Can We Learn from the Postictal State?

Session Director: Meriem Bensalem-Owen, MD, FACNS

- 10:00am Endogenous Mechanisms Resulting in the Postictal Period
Steven Schachter, MD, FACNS
- 10:20am EEG Aspects of the Postictal State
Ambica Tumkur, MD
- 10:40am Clinical Manifestations of the Postictal State
Meriem Bensalem-Owen, MD, FACNS
- 11:00am Postictal Autonomic Manifestations and SUDEP
Jeffrey Britton, MD, FACNS
- 11:20am Discussion

11:30am

Adjourn



AMERICAN CLINICAL NEUROPHYSIOLOGY SOCIETY

2016 ANNUAL MEETING & COURSES ADVANCE REGISTRATION FORM

February 10-14, 2016 • Hilton Orlando Lake Buena Vista • Orlando, Florida

To register for the meeting online, please visit: www.ACNS.org
Please type or print legibly

ACNS Member ID (Optional) _____

First Name _____ Middle _____ Last Name _____

Designation(s) (Example: MD, PhD, DO, etc.) _____ Institution _____

Mailing Address _____

City _____ State/Province _____ Zip/Postal Code _____

Country _____ Email _____

Telephone _____ Fax _____

ANNUAL COURSES – Wednesday, February 10 – Friday, February 12, 2016

Please note that the scheduled times of some Courses listed below may conflict. Please refer to the Preliminary Program for complete Course scheduling information to make your selections.

		ACNS Members	Non-Members	ACNS Junior & Technologist Members	Non-Member Residents, Fellows, Technologists
Wednesday, February 10					
7:00-8:30am	301: Short Course: Evoked Potentials	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
7:00-8:30am	302: Short Course: EMG & EEG Technology	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
9:00am-5:00pm	311: Full Day Course: Neurophysiologic Intraoperative Monitoring (NIOM) Part I	<input type="checkbox"/> \$175	<input type="checkbox"/> \$230	<input type="checkbox"/> \$95	<input type="checkbox"/> \$140
9:00am-5:00pm	312: Full Day Course: Intensive Care Unit EEG Monitoring (ICU EEG)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$230	<input type="checkbox"/> \$95	<input type="checkbox"/> \$140
Thursday, February 11					
7:00-8:30am	401: Short Course: Stereo-EEG	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
7:00-8:30am	402: Short Course: Non-invasive Brain Stimulation Technology	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
9:00-10:30am	411: Short Course: Applied Cases in Central Neurophysiology & Video-EEG	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
9:00am-5:00pm	421: Full Day Course: Neurophysiologic Intraoperative Monitoring (NIOM) Part II	<input type="checkbox"/> \$175	<input type="checkbox"/> \$230	<input type="checkbox"/> \$95	<input type="checkbox"/> \$140
9:00am-5:00pm	422: Full Day Course: Electrocorticography(ECOG) & Intracranial EEG	<input type="checkbox"/> \$175	<input type="checkbox"/> \$230	<input type="checkbox"/> \$95	<input type="checkbox"/> \$140
10:45am-12:15pm	521: Short Course: Applied Cases in Peripheral Neurophysiology	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
11:00am-2:00pm	3rd Annual ACNS CNP Program Director Symposium	<input type="checkbox"/> \$30	<input type="checkbox"/> \$30	<input type="checkbox"/> \$30	<input type="checkbox"/> \$30
1:00-2:30pm	531: Short Course: Autonomic Neurophysiology	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
3:00-4:30pm	541: Short Course: Business in Clinical Neurophysiology	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95	<input type="checkbox"/> \$35	<input type="checkbox"/> \$65
Friday, February 12					
7:30-10:30am	601: Half Day Course: Video-EEG	<input type="checkbox"/> \$85	<input type="checkbox"/> \$100	<input type="checkbox"/> \$45	<input type="checkbox"/> \$75
7:30-10:30am	602: Half Day Course: EMG	<input type="checkbox"/> \$85	<input type="checkbox"/> \$100	<input type="checkbox"/> \$45	<input type="checkbox"/> \$75
7:30-10:30am	603: Half Day Course: Neonatal & Pediatric EEG	<input type="checkbox"/> \$85	<input type="checkbox"/> \$100	<input type="checkbox"/> \$45	<input type="checkbox"/> \$75
Annual Courses Total (A):					

SPECIAL NEEDS

I have a need for special assistance (physical or dietary). Please explain: _____

HOW DID YOU HEAR ABOUT THIS MEETING?

I'm an ACNS Member ACNS Website ACNS Emails ACNS Postcard

Colleague/Word of Mouth - Please specify: _____

Through another organization/meeting - Please specify: _____

Other - Please specify: _____

ANNUAL MEETING/SCIENTIFIC PROGRAM - Friday, February 12 through Sunday, February 14, 2016

	ACNS Members	Non-Members	ACNS Junior & Technologist Members	Non-Member Residents, Fellows, Technologists
Friday, February 12 - Sunday, February 14				
Annual Meeting Scientific Program	<input type="checkbox"/> \$350	<input type="checkbox"/> \$500	<input type="checkbox"/> \$235	<input type="checkbox"/> \$330
Annual Meeting Scientific Program One-Day Registration	<input type="checkbox"/> \$210	<input type="checkbox"/> \$300		
Annual Meeting Total (B):				

Friday, February 12 – Morning Workshops

While there is no additional charge to attend these workshops, please indicate if you would like to attend, as space is limited.

604: SEEG Workshop

605: Electro-clinical Approach to Epilepsy Surgery

606: Electro-corticography for Functional Mapping

Please check below the sessions you plan to attend. Pick one from each time segment. This information will be used to assign sessions to available rooms based on anticipated attendance. You are not obligated to attend the sessions you check.

Friday, February 12	Saturday, February 13	Sunday, February 14
2:00-3:30pm <input type="checkbox"/> 641: Pediatric EEG Patterns <input type="checkbox"/> 642: MEG Workshop <input type="checkbox"/> 643: Intraoperative Motor Evoked Potentials <input type="checkbox"/> 644: Non-peripheral Findings in ALS	8:00-9:30am <input type="checkbox"/> 711: Montage Matters – Designing EEG Montage <input type="checkbox"/> 712: Stand-alone Home Video <input type="checkbox"/> 713: Challenging Electrodiagnostic Findings	8:00-9:30am <input type="checkbox"/> 821: Functional Neurosurgery and IONM <input type="checkbox"/> 822: The Future of EMG <input type="checkbox"/> 823: Multimodal Strategies in Surgical Epilepsy Planning (Spanish Symposium) <input type="checkbox"/> 824: New Frontiers in Electro-corticography
4:00-5:30pm <input type="checkbox"/> 661: SIG – IOM <input type="checkbox"/> 662: SIG – EMG <input type="checkbox"/> 663: SIG – Critical Care <input type="checkbox"/> 664: SIG – Intracranial EEG	11:15am-12:45pm <input type="checkbox"/> 751: Sudden Unexpected Death in Epilepsy <input type="checkbox"/> 752: Neurostimulation a Myriad of Choices <input type="checkbox"/> 753: Can CNP Make Sports Healthier? <input type="checkbox"/> 754: History and Future of CNP	10:00-11:30am <input type="checkbox"/> 841: QEEG During Invasive Epilepsy Monitoring <input type="checkbox"/> 842: CNP of Insular Cortex Epilepsy <input type="checkbox"/> 843: Functional Brain Mapping <input type="checkbox"/> 844: What Can We Learn From the Postictal State?
5:45-7:00pm <input type="checkbox"/> Neurophys Bowl	2:00-3:30pm <input type="checkbox"/> 771: Clinical Neurophysiology Trials & Tribulations <input type="checkbox"/> 772: Remote EEG Monitoring <input type="checkbox"/> 773: Toxic and Drug Induced Peripheral Neuropathies <input type="checkbox"/> 774: REM Sleep Behavior Disorders	
7:00-8:00pm <input type="checkbox"/> Welcome Reception	3:45-5:15pm <input type="checkbox"/> 791: SIG – MEG <input type="checkbox"/> 792: SIG – Brain Mapping <input type="checkbox"/> 793: SIG – Pediatric <input type="checkbox"/> 794: SIG – Spanish EEG	

I am interested in participating in the Neurophys Bowl on Friday, February 12.

I am interested in taking part in the ACNS Mentorship Program.
 I would like to be a mentor. I would like to be a mentee.

PAYMENT INFORMATION

Courses Total (A): _____ **+ Annual Meeting Total (B):** _____ **= GRAND TOTAL:** _____

Company Check – Make check payable to **American Clinical Neurophysiology Society** (in US dollars, drawn on a US Bank)

Credit Card (check one): Visa MasterCard Discover

Please invoice me.

Card Number _____ Expiration Date _____

Card Holder Name _____

Authorized Signature _____ Date _____

Registration will not be processed without payment and signature

SIGNATURE OF AGREEMENT. Please retain a copy for your records. You are hereby registering to attend the 2016 ACNS Annual Meeting & Courses, February 10-14, 2016, at the Hilton Orlando Lake Buena Vista in Orlando, Florida. I understand that the event registration rate listed above will be charged to the credit card I have listed. I understand further that all registration charges must be paid in full upon completion

CANCELLATION POLICY. Refund requests must be submitted in writing to ACNS prior to January 18, 2016. A \$20 processing fee will be charged for all refunds. We regret refunds will not be guaranteed for requests postmarked or received after January 18, 2016.

WAIVER. Submission of this registration form and payment of associated fee serves as agreement by the delegate to release the American Clinical Neurophysiology Society, the Hilton Orlando Lake Buena Vista, their respective agents, servants, employees, representatives, successors, and assigns, from any and against all claims, demands, causes of action, damages, costs, and expenses, including attorneys' fees, for injury to person or damage to property arising out of attendance at the ACNS Annual Meeting & Courses. In addition, the delegate hereby grants permission to use his/her likeness in a photograph or other digital reproduction in any and all of its publications, including website entries, without payment or any other consideration, agreeing that these materials will become the property of ACNS which has the right to edit, alter, copy, exhibit, publish or distribute this photo for purposes of publicizing its programs or for any other lawful purpose. Additionally, the delegate waives any right to royalties or other compensation arising or related to the use of the photograph.

I do not wish to be included on the delegate list provided to supporters. I do not wish to be included on any published delegate list including programs, mobile apps, etc.

PLEASE RETURN THIS REGISTRATION FORM WITH REQUIRED PAYMENT TO

American Clinical Neurophysiology Society, Attn: Meetings Department
 555 E. Wells Street, Suite 1100 • Milwaukee, WI 53202 • Fax: (414) 276-3349 • E-mail: info@acns.org



**AMERICAN CLINICAL NEUROPHYSIOLOGY SOCIETY
APPLICATION FOR MEMBERSHIP**

Revised May 2014

MEMBER TYPE (Please check one.)

- Regular Member / \$325**
Individuals who have obtained a MD, DO, or PhD degree or are credentialed by ABRET or the equivalent

Please check below to apply for one of the following discounted dues categories for Regular Members:

- Non-Physician / **\$245**
 First year of practice / **\$150**
 Resident of World Bank "High-Income Economy" Country (excluding the United States and Canada) / **\$165**
 Resident of World Bank "Upper-Middle-Income" Country / **\$125**
- Junior Member / \$95** **Training Completion Date:** _____
Individuals in clinical neurophysiology or related fields who are in pre-doctoral or postdoctoral training; limited to a period of three (3) years.
- Associate Member / \$230**
Individuals who have an interest in clinical neurophysiology or related fields.

CONTACT/DIRECTORY INFORMATION (please check your preferred mailing and billing address) **Business** **Home**

First (Given) Name: _____ Middle Initial: _____ Last (Family) Name: _____
 Degree: _____ Institution: _____
 Present Position or Title: _____

Business Address:

Home Address:

Address:		
City:	State:	Zip:
Country:		
Phone:	Fax:	
Email:		

Address:		
City:	State:	Zip:
Country:		
Phone:	Fax:	
Email:		

EDUCATION (e.g. MD, PhD)

University/Institution	Degree Achieved	End Year

PROFESSIONAL TRAINING (e.g. Residency, Fellowship)

University/Institution	Training Type	Start Year	End Year

CREDENTIALS/CERTIFICATIONS

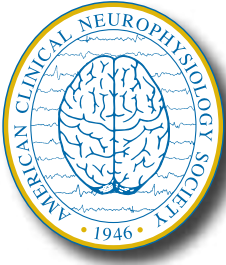
AMA Member Yes No AMA Member # _____
 American Board of Clinical Neurophysiology Yes No
 Other Specialty or Subspecialty Certification: _____

PAYMENT INFORMATION

Applications must be accompanied by an application fee in the amount of the dues amount indicated above. Upon approval, the application fee will be credited toward the member's first year of dues. If the application is denied, application fees will be refunded in full.

Company Check – Make check payable to American Clinical Neurophysiology Society (in US Dollars, drawn on a US bank)
 Credit Card (check one) VISA MasterCard Discover
 Card Number: _____ Expiration Date: _____
 Card Holder Name: _____
 Card Holder Signature: _____

Please return this application via email, fax or mail:
 American Clinical Neurophysiology Society
 555 E. Wells Street, Suite 1100 Milwaukee, WI 53202
 Phone: 414-918-9803 | Fax: 414-276-3349 | info@acns.org



American Clinical Neurophysiology Society

555 East Wells Street, Suite 1100
Milwaukee, WI 53202

American Clinical Neurophysiology Society

February 10-14, 2016 • Orlando, FL
Hilton Orlando Lake Buena Vista

Register online today!
www.acns.org



Questions?

Contact the ACNS Executive Office
(414) 918-9803
info@acns.org
www.acns.org