

Continuing Medical Education



Perelman
School of Medicine
UNIVERSITY of PENNSYLVANIA

Updated Program!

23rd Annual

Advances in Diagnosis and Treatment of Sleep Apnea and Snoring

Disney's BoardWalk Inn
Lake Buena Vista, Florida

February 17-19, 2017
PRESIDENTS' DAY WEEKEND

PRESENTED BY:

Penn Sleep Centers



Penn Medicine



University of California
San Francisco



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COURSE DIRECTORS

Richard Schwab, MD

Professor, Department of Medicine
Medical Director, Penn Sleep Center
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

Andrew Goldberg, MD, MSCE, FACS

Director of Rhinology & Sinus Surgery
Professor of Otolaryngology–Head & Neck Surgery
University of California, San Francisco
San Francisco, CA

Eric Kezirian, MD, MPH

Professor, Department of Otolaryngology–
Head & Neck Surgery
Keck School of Medicine of the
University of Southern California
Los Angeles, CA

GUEST FACULTY

Peter Cistulli, MD, PhD

Professor & Director, Centre for Sleep Health & Research
Royal North Shore Hospital, Sydney Medical School
University of Sydney
Sydney, Australia

M. Boyd Gillespie, MD, MSc

Professor & Chairman
Department of Otolaryngology–Head & Neck Surgery
University of Tennessee–Memphis
Memphis, TN

Gary Foster, PhD

Chief Science Officer, Weight Watchers
Founder & Emeritus Director,
Center for Obesity Research and Education
Volunteer Professor of Medicine,
Public Health & Psychology
Temple University
Philadelphia, PA

Atul Malhotra, MD

Kenneth M. Moser Professor of Medicine
Division Chief, Pulmonary & Critical Care Medicine
Director of Sleep Medicine
University of California, San Diego
San Diego, CA

Ron B. Mitchell, MD

Professor & Vice Chairman
Department of Otolaryngology–Head & Neck Surgery
Chief of Pediatric Otolaryngology
William Beckner Distinguished Chair in Otolaryngology
UT Southwestern & Children's Medical Center Dallas
Dallas, TX

Grace Pien, MD, MSc

Assistant Professor, Internal Medicine
Johns Hopkins University School of Medicine
Baltimore, MD

Marc Raphaelson, MD

Neurologist, Veteran Administration Medical Center
Martinsburg, WV

Ed Weaver, MD, MPH

Chief of Sleep Surgery
Co-Director of UW Medicine Sleep Center
Harborview Medical Center
University of Washington
Seattle, WA

UNIVERSITY OF PENNSYLVANIA FACULTY

Lee Goldberg, MD, MPH

Associate Professor of Medicine
Medical Director, University of Pennsylvania
Heart Failure & Transplantation Program
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

Nalaka Gooneratne, MD, MSc

Associate Professor of Medicine
Division of Geriatric Medicine
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

Samuel Kuna, MD

Associate Professor of Medicine
Perelman School of Medicine Sleep Medicine Division
Chief, Sleep Medicine Section,
Philadelphia Veteran Affairs Medical Center
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

Allan Pack, MB ChB, PhD

John Mclot Professor of Medicine
Chief, Division of Sleep Medicine
Director, Center for Sleep & Circadian Neurobiology
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

Ilene Rosen, MD, MSCE

Associate Professor of Clinical Medicine
Center for Sleep & Circadian Neurobiology
Perelman School of Medicine at the
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Philadelphia, PA

Erica Thaler, MD

Professor, Department of Otorhinolaryngology –
Head & Neck Surgery
Perelman School of Medicine at the
University of Pennsylvania
Philadelphia, PA

faculty

COURSE OVERVIEW

This course is coordinated by the Division of Sleep Medicine and the Department of Otorhinolaryngology–Head and Neck Surgery at the University of Pennsylvania and the Department of Otolaryngology–Head and Neck Surgery at the University of California, San Francisco. The program is designed to provide a comprehensive review and update on recent advances in the diagnosis and management of sleep apnea and snoring. New approaches and controversies in the management of patients with sleep disordered breathing will be highlighted. Leaders in the field of sleep science from Otolaryngology, Pulmonary and Critical Care Medicine, Sleep Medicine, Neurology, Bariatric Surgery and Oral Maxillofacial Surgery will share their medical and surgical expertise in didactic lectures and optional break-out sessions. There will be ample opportunity for interaction with participating faculty.

TARGET AUDIENCE

This continuing medical education program is intended for the physician in Otolaryngology, Pulmonary Medicine, Sleep Medicine, Oral Maxillofacial Surgery, Dentistry, Family Practice, Internal Medicine, Neurology, Cardiology, and Psychiatry. Nurses and sleep and respiratory therapy technologists are also invited to attend this program.

OBJECTIVES

Upon completion of this course, participants should be able to:

- Discuss new developments in the pathogenesis, diagnosis and management of patients with sleep disordered breathing
- Identify new and alternative medical and surgical treatments for sleep apnea and snoring
- Discuss new clinical and business directions for the sleep field including home sleep testing
- Assess new insights from upper airway imaging and drug induced sleep endoscopy
- Discuss the association between obesity and obstructive sleep apnea and the outcomes of medical and surgical treatment of obesity
- Describe the indications and consequences of oral appliances for the treatment of OSA
- Review the current surgical options for OSA and snoring

ACCREDITATION

The Perelman School of Medicine at the University of Pennsylvania is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

DESIGNATION OF CREDIT

The Perelman School of Medicine at the University of Pennsylvania designates this live activity for a maximum of 16.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURES

The Perelman School of Medicine at the University of Pennsylvania, Office of Continuing Medical Education, adheres to the ACCME *Standards for Commercial Support*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products within their presentations.



REGISTRATION FEES

This CME activity offers an early registration discount for registrations received by December 15, 2016. The standard registration fee of \$725.00 will apply to all online registrations submitted after December 15th. Seating capacity is limited. We encourage participants to register early.

Physicians

Early Registration: \$675 • Standard Registration: \$725

Nurses, allied health professionals, sleep technicians, residents & fellows are eligible for a reduced registration fee of \$600.

Optional break-out sessions are offered on Friday and Saturday. Participants may register for one break-out session each day. **Break-out registration fee of \$40.00 per session includes lunch on that day.** Registration fees include program, breakfast, refreshment break each day, 1 complimentary ticket to the EPCOT® fireworks reception and all course materials. We will confirm all registrations by email. If you do not receive an immediate automated confirmation email please contact Mary Hamburg at mary.hamburg@uphs.upenn.edu.

DISNEY'S BOARDWALK INN

The inspired atmosphere of Disney's BoardWalk Inn, with its boutique-style charm, evokes just the right balance of a waterfront resort from a bygone era tempered by world-class conference facilities and modern amenities.

Disney's BoardWalk Inn features:

- Over 370 luxurious Guest rooms, including concierge-level rooms and suites
- Conference center featuring over 20,000 square feet of flexible meeting and event space
- 10,132-square-foot Promenade ballroom with 6 salons, accommodating meetings and events for up to 1,040 Guests—ideal for everything from general sessions to catered luncheons and gala celebrations
- 2,312-square-foot Marvin Gardens meeting room with a patio view, accommodating meetings and events for up to 170 Guests
- 1,462-square-foot St. James room with a private outdoor patio, accommodating meetings and events for up to 110 Guests
- Boardroom, ideal for smaller meetings and executive conferences, accommodating up to 14 Guests
- 13,000-square-foot Atlantic Dance Hall, located just steps away at the BoardWalk entertainment district, featuring balconies and a stage accommodating meetings and events for up to 450 Guests
- Full-service business center
- 9 diverse dining and lounge venues throughout the BoardWalk Inn and BoardWalk entertainment district
- Convenient location within walking distance of the BoardWalk entertainment district and Epcot, and a boat ride away from Disney's Hollywood Studios

For further assistance with your visit to Walt Disney World, please call (407) 939-5277. For dining reservations call 407-WDW-Dine. Advance dining reservations are recommended and most may be made 6 months ahead of time.

HOTEL RESERVATIONS

Overnight rooms are available at Disney's BoardWalk Inn, Wednesday, February 15th through Monday, February 20th at a special discounted conference rate of \$265.00 per night for single or double occupancy (additional persons 18yrs and older \$25.00 per night). This rate does not include taxes (currently at 12.5%). Subject to availability rooms may be reserved at the group rate 3 days before and 3 days after these dates for those who wish to extend their stay. For reservations call the Group Reservations Office at 407-939-4686 and identify yourself as a participant in the University of Pennsylvania Sleep Apnea Conference. Or you may make reservations online at: <http://www.mydisneymeetings.com/penn-bw-2017>.

Nondiscrimination Statement

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic group, age, disability status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic or other University administered programs or employment. Questions or complaints regarding this policy should be directed to the Executive Director, Office of Affirmative Action, Suite 228, Sansom Place East, 3600 Chestnut Street, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD).

Services for the Disabled or Special Arrangement

If special arrangements are required for an individual with a disability, or for any reason, to attend this meeting please contact Mary Hamburg by December 1, 2016.



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You will need to guarantee your reservations with a credit card or deposit. All reservations must be made by January 17, 2017 to receive this special rate. Please note that reservations will be accepted based upon space availability, and rates may increase if you call after January 17th. Rooms are available on a first come, first served basis and may sell out quickly. In the event that rooms at this hotel sell out, an alternative hotel may be offered to you. We urge you to plan ahead and make your arrangements early!

To help offset the cost of the meeting Disney has agreed to provide a credit to our master bill for each room night actually occupied and paid for in our room block.

Take the hassle out of arrival with *Disney's Magical Express Service*! This complimentary service provides transportation for you and your bags from Orlando International Airport (MCO) to your Disney Resort Hotel, then back again at the end of your stay. Luggage is delivered right to your Resort room. To book, call 407-827-6777 or visit www.disneysemagicalexpress.com.

Conference Center: The Sleep Apnea course will be held in the Conference Center at Disney's BoardWalk Inn. It is just a short walk down the path from the hotel. If you are driving to the meeting, complimentary self-parking is available.

SPECIAL DISNEY THEME PARK TICKETS

Available only to meeting attendees, their guests and family members, Disney's multi-day and half-day Meeting/Convention Tickets are designed to fit any agenda and can only be purchased in advance. For more information, visit <https://disneytickets.disney.go.com/store/sasc215>.

The Disney parks feature something for everyone, from the seven whimsical lands in the Magic Kingdom®, to the iconic Spaceship Earth and World Showcase at Epcot®, to the rides and shows at Disney's Hollywood Studios, to Disney's Animal Kingdom's Kilimanjaro Safari® and Expedition Everest™ and everything in between, to the two awesome water parks at Typhoon Lagoon and Blizzard Beach!

course schedule

FRIDAY, FEBRUARY 17, 2017

7:00–7:55am	Registration, Continental Breakfast, & Exhibit Viewing
7:55–8:00am	Introduction & Course Announcements
8:00–8:30am	Overview of Sleep Disorders Including Insomnia Richard Schwab, MD • Sleep deprivation • Narcolepsy, parasomnias, PLMs, RBD, non-24, CBTI
8:30–8:50am	Complementary and Alternative Medicines for Sleep Disorders Nalaka Gooneratne, MD, MSc • Use of herbal medications • Use of melatonin
8:50–9:20am	Sleep Disorders: Year in Review 2017 Allan Pack, MB, ChB, PhD • Update on sleep apnea • Update on narcolepsy, PLMs, insomnia
9:20–9:40am	New Insights into the Pathogenesis of Sleep Apnea: Anatomic Perspective Richard Schwab, MD • Upper airway phenotyping • Importance of tongue fat and reduced glucose uptake
9:40–10:00 am	New Insights into the Pathogenesis of Sleep Apnea: Physiologic Perspective Atul Malhotra, MD • Airway collapsibility (Pcrit), respiratory arousal threshold • Loop gain, pharyngeal muscle responsiveness
10:00–10:20am	Portable Sleep Studies to Diagnose OSA: A New Age Has Dawned Sam Kuna, MD • Diagnostic algorithms for ambulatory sleep studies • Outcome data with home sleep study paradigm
10:20–10:30am	Questions & Answers
10:30–11:00am	Break & Exhibit Viewing
11:00–11:20 am	Is AHI the Optimal Outcome Measure in OSA? Andrew Goldberg, MD, MSCE • Biomarkers, QOL, cognitive effects • Sleep study indices, snoring
11:20–11:40am	OSA in the Elderly and Cognitive Function Nalaka Gooneratne, MD, MSc • What level of AHI matters in the elderly? • Association of OSA with dementia
11:40–12:00pm	Sleep Apnea in Women: Pregnancy and Menopause Grace Pien, MD, MSc • When do you study pregnant women? • Association of OSA with menopause
12:00–12:20pm	Phone Apps for the Diagnosis of OSA and Snoring Nalaka Gooneratne, MD, MSc • Mobile approaches to the diagnosis of OSA • Are they reliable?
12:20–12:40pm	Implementation of Telemedicine for the Diagnosis and Management of Sleep Apnea Sam Kuna, MD • What is the best paradigm? • Who should this be performed in?
12:40–1:00pm	Sleep Apnea in Commercial Drivers Allan Pack, MB, ChB, PhD • Should all truck drivers be screened? • What is the public policy?
1:00–1:10pm	Questions & Answers

OPTIONAL LUNCH AND BREAK-OUT SESSION

Advance registration required, lunch is included.

1:30–2:30pm

Polysomnography and Medical Case Presentations

Nalaka Gooneratne, MD, MSc

Sam Kuna, MD

Atul Malhotra, MD

Grace Pien, MD, MSc

Richard Schwab, MD

or

1:30–2:30pm

Practical Techniques in OSA Surgery

Ron B. Mitchell, MD

Boyd Gillespie, MD, MSc

Andrew Goldberg, MD, MSCE

Eric Kezirian, MD, MPH

Erica Thaler, MD

Ed Weaver, MD, MPH

8:00–9:30pm

ILLUMINATIONS: REFLECTIONS OF EARTH FIREWORKS & DESSERT RECEPTION AT EPCOT'S® FRENCH ISLAND

- Private Dessert Buffet
- Spectacular fireworks display and laser show
- Free for participants (additional fee for family or guests)
- Advance reservations are required—see registration form



SATURDAY, FEBRUARY 18, 2017

- 7:30–8:00am **Continental Breakfast & Exhibit Viewing**
- 8:00–8:20am **The Nose in OSA: Soup to Nuts**
Edward Weaver, MD, MPH
- Significance of septal deviation and obstruction
 - Nasal dilators, septoplasty, treatment of rhinosinusitis
- 8:20–8:40am **Cardiovascular Consequences of Sleep Apnea**
Lee Goldberg, MD, MPH
- Myocardial infarction, arrhythmias, CHF
 - Hypertension, stroke, atrial fibrillation
- 8:40–9:00am **Sleep Apnea and its Relationship to Cancer**
Allan Pack, MB, ChB, PhD
- Does OSA cause cancer?
 - Does treating OSA help cancer?
- 9:00–9:20am **The Obesity Epidemic and Sleep Apnea**
Gary Foster, PhD
- Metabolic syndrome, Type II DM, insulin resistance
 - Update on Sleep Ahead Study and RCT's
- 9:20–9:40am **Is Your Gut Microbiome Making You Fat?**
Andrew Goldberg, MD, MSCE
- How does the gut microbiome affect us?
 - Can we manipulate it?
- 9:40–10:10am **How to Achieve Medical Weight Loss in 2017: Medical and Surgical**
Gary Foster, PhD
- Behavioral strategies for weight loss
 - Role of medications and bariatric surgery
- 10:10–10:30am **CPAP: Evidence Based Treatment of Choice for SDB**
Sam Kuna, MD
- Clinical outcomes with CPA
 - CPAP adherence
- 10:30–10:40am **Questions & Answers**
- 10:40–1:10am **Break & Exhibit Viewing**
- 11:10–11:30am **The Nuts and Bolts of the Delivery of Positive Airway Pressure: What's New?**
Ilene Rosen, MD, MSCE
- Types of PAP systems
 - New interfaces and accessories
- 11:30–11:50am **CPAP Adherence Tracking: How to Use the Data?**
Grace Pien, MD, MSc
- Clinical guidelines
 - Why residual AHI and mask leak are important
- 11:50–12:10pm **Treating Central Sleep Apnea in 2017: If Not ASV Then What?**
Atul Malhotra, MD
- Is stopping ASV a good idea?
 - CPAP/APAP/Oxygen?
- 12:10–12:30pm **Phrenic Nerve Stimulation for Central Sleep Apnea**
Lee Goldberg, MD, MPH
- How does it work?
 - Review pivotal trial data
- 12:30–1:00pm **Bundled Care Payment Models–Reimbursement and Coding: What's New for 2017?**
Marc Raphaelson, MD
- Value based reimbursement
 - How to code procedures
- 1:00–1:10pm **Questions & Answers**

OPTIONAL LUNCH AND BREAK-OUT SESSION

Advance registration required, lunch is included.

1:30–2:30pm

How to Manage a Sleep Practice in 2017: Lessons Learned and What to Do With Home Sleep Studies

Atul Malhotra, MD
Allan Pack, MB, ChB, PhD
Marc Raphaelson, MD
Ilene Rosen, MD, MSCE
Richard Schwab, MD

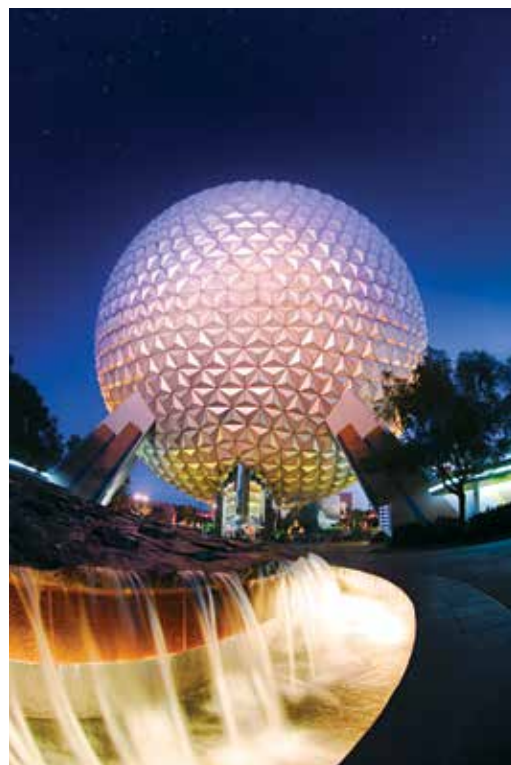
Registration is limited.
This session will use a “town hall” format to discuss various economic aspects of sleep medicine.

or

1:30–2:30pm

Surgical Case Presentations

Boyd Gillespie, MD, MSc
Andrew Goldberg, MD, MSCE
Eric Kezirian, MD
Ron B. Mitchell, MD
Erica Thaler, MD
Ed Weaver, MD, MPH



SUNDAY, FEBRUARY 19, 2017

7:30–8:00am **Continental Breakfast & Exhibit Viewing**

8:00–8:30am **Oral Appliances and Their Clinical Indications in OSA: Are They Better Than CPAP?**

Peter Cistulli, MD, PhD

- Who should be treated with them?
- What is the best oral appliance?

8:30–8:50am **Update on New Sleep Apnea Paradigms from the Incoming President of the AASM**

Ilene Rosen, MD, MSCE

- AASM initiatives
- Future of Sleep Medicine

8:50–9:10am **Insights into the Management of SDB Utilizing Upper Airway Imaging**

Richard Schwab, MD

- Understanding how OSA treatments alters the upper airway anatomy
- Soft tissue and craniofacial changes with surgery, appliances, CPAP, weight loss, Winx, hypoglossal nerve stimulation

9:10–9:30am **Drug Induced Sleep Endoscopy to Identify Sites of Obstruction in Patients With OSA**

Eric Kezirian, MD, MPH

- What type of collapse is important?
- Correlating the site of obstruction with surgical options

9:30–10:00am **Tonsillectomy and Adenoidectomy in Children**

Ron B. Mitchell, MD

- Indications for surgery
- Management of persistent OSA post T & A

10:00–10:20am **Treatment of Snoring**

Boyd Gillespie, MD, MSc

- Palatal implants, radiofrequency, laser
- New options

10:20–10:30am **Questions & Answers**

10:30–11:00am **Break & Exhibit Viewing**

11:00–11:20am **Should a TRADITIONAL UPPP Still be Performed?**

Ed Weaver, MD, MPH

- Indications for palate surgery
- Palate surgery options

11:20–11:40am **Robotic Base of the Tongue Surgery (TORS) for OSA**

Erica Thaler, MD

- Specific patient indications: lingual tonsils
- Outcome data/complications

11:40–12:10pm **Selecting Hypopharyngeal Surgery in OSA Including MMA**

Eric Kezirian, MD, MPH

- Does hypopharyngeal surgery improve outcomes
- Factors associated with procedure outcomes

12:10–12:30pm **A New Surgical Treatment for Sleep Apnea: Hypoglossal Nerve Stimulation**

Boyd Gillespie, MD, MSc

- Describe the components of the hypoglossal nerve stimulator and implantation
- Examine study data from the STAR Clinical Trial and other technologies.

12:30–1:00pm **Treatment of Obstructive Sleep Apnea: Panel Discussion**

Ed Weaver, MD, MPH (moderator)

Eric Kezirian, MD, MPH Atul Malhotra, MD

Richard Schwab, MD Sam Kuna, MD

Ilene Rosen, MD, MSCE Andrew Goldberg, MD, MSCE

1:00–1:10pm **Questions & Answers**

1:10pm **Closing Remarks**

UPCOMING AND ONGOING EVENTS

Visiting Mini Fellowship in Endoscopic Sinus Surgery

University of Pennsylvania, Department of Otorhinolaryngology – Head and Neck Surgery

This program is designed for practicing Otolaryngologists with a significant interest in endoscopic sinus surgery and management of sinus and nasal problems. The course is a three-day, one-on-one clinical experience where participants may spend time with Dr. David Kennedy, Dr. James Palmer, and Dr. Nithin Adappa during their office hours, observing them in surgery, and performing a cadaveric dissection. It will be of particular benefit to Otolaryngologists who have been to didactic courses, developed some experience with FESS and identified specific problem areas in the surgical management of patients with sinus disease. A maximum of two Otolaryngologists is admitted to the mini fellowship at any one time, allowing for a close one-on-one experience with the faculty. Participants are encouraged to present CT scans from their own difficult or interesting patient cases. Mini Fellows are invited to attend Wednesday evening clinical conferences and Thursday morning Grand Rounds.

PENN Skull Base Surgery Professorship & Forum

May 8th, 2017

Join us on the PENN Campus for a one-day program in Skull Base Surgery featuring outstanding national and international faculty. Specific emphasis will be on advances and multimodality treatment of skull base tumors, the use of radiosurgery and proton therapy for brain tumors as well as endoscopic surgery in treatment of skull base disorders. Difficult cases, prevention, diagnosis and management of complications will be reviewed.

A special highlight of the program is the Distinguished Skull Base Professorship featuring lectures from four of the nation's leaders in skull base surgery. In addition to lectures, demonstration cadaver dissections will be presented by the distinguished professors.

Additional information and details to be available this November!

24th Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring

February 16–17, 2018 • Presidents' Day Weekend
Grand Hyatt, San Francisco, CA

COURSE REGISTRATION FORM

23rd Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring

February 17–19, 2017

NAME _____
FIRST M.I. LAST

☐ MD ☐ DO ☐ PhD ☐ DDS ☐ DMD ☐ OTHER _____

MEDICAL SPECIALTY _____

IN TRAINING, CHECK IF APPLICABLE: ☐ RESIDENT ☐ FELLOW

ADDRESS _____

CITY _____ STATE _____ COUNTRY _____ ZIP _____

PHONE (_____) _____ FAX (_____) _____

E-MAIL _____

HOW DID YOU HEAR ABOUT THE COURSE? _____

TUITION FEES

Physicians

Early Registration Fee (*before December 1st*) _____ @ \$675 = \$ _____

Standard Registration Fee (*after December 1st*) _____ @ \$725 = \$ _____

Nurses, Allied Health Professionals, Sleep Technicians, Residents, Fellows

_____ @ \$600 = \$ _____

OPTIONAL LUNCH & BREAK-OUT SESSIONS

Pre-registration is required. Space is limited; cost includes lunch.

Friday, February 17, 2017 (*please check ONLY ONE*)

☐ Polysomnography and Medical Case Presentations _____ @ \$40 = \$ _____

☐ Practical Techniques in OSA Surgery _____ @ \$40 = \$ _____

Saturday, February 18, 2017 (*please check ONLY ONE*)

☐ How to Manage a Sleep Practice in 2017: _____ @ \$40 = \$ _____

Lessons Learned and What to do with Home Sleep Studies

☐ Surgical Case Presentations _____ @ \$40 = \$ _____

EPCOT® ILLUMINATIONS: REFLECTIONS OF EARTH DESSERT RECEPTION

Free for course registrants; additional guest tickets available. **All must be pre-registered.**

Friday, February 17, 2017, 8:00–9:30pm, French Island

Course Participant _____ @ \$0 = \$ _____

Spouse or Adult Guest(s) _____ @ \$20 = \$ _____

Children 3–12 (*under 3 are free*) _____ @ \$10 = \$ _____

TOTAL AMOUNT DUE: \$ _____

TO REGISTER FOR CONFERENCE

Go online to www.uphs.upenn.edu/pennorl/education/cme.html and follow the course registration link.

FOR QUESTIONS OR ADDITIONAL INFORMATION, PLEASE CONTACT:

Mary Hamburg

Email: mary.hamburg@uphs.upenn.edu

CANCELLATION & REFUND POLICY

If a participant must cancel his/her course registration, refunds are possible if written notification is received by January 3, 2017. Refunds will not be processed after this date. All refunds are subject to a \$75.00 cancellation fee. Please email your cancellation notification to mary.hamburg@uphs.upenn.edu.

The University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In the event of cancellation or postponement by the University or course directors, we will refund registration fees but will not be responsible for any related costs, charges or expenses to participants including cancellation charges assessed by airlines, hotels or travel agencies.



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Penn Medicine

CME Coordinator
Department of Otorhinolaryngology –
Head and Neck Surgery
University of Pennsylvania Medical Center
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Philadelphia, PA 19104

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MARK YOUR CALENDAR!

23RD ANNUAL

Advances in Diagnosis and Treatment of Sleep Apnea and Snoring

**February 17-19, 2017
Disney's BoardWalk Inn
Lake Buena Vista, Florida**

Penn Sleep Centers



Penn Medicine



University of California
San Francisco

FOR MORE INFORMATION, CONTACT:

MARY HAMBURG
CME Coordinator

Email: mary.hamburg@uphs.upenn.edu
www.pennmedicine.org/otorhinolaryngology



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