MSO 2016 FALL PROGRAM, NOVEMBER 2, 2016

MMS
860 Winter Street,
Waltham, MA

Please complete the registration form and mail or fax to:
Massachusetts Society of Otolaryngology/
Head and Neck Surgery
P.O. Box 549127
Waltham, MA 02454-9127
Fax: (781) 464-4896

REGISTRATION FEES

☐ MSO member	$20.00
☐ Office staff of member	$10.00
☐ Resident/student	Free
☐ Nonmember/audiologist	$40.00

Name: _____

Institution: _____

Address: _____

_____

Telephone: _____

Email (required):

_____

Please contact the
MSO Chapter Administrator
Kimberly Prosper with any questions
at (781) 434-7731 or by email at
kprosper@mms.org.

www.mso-hns.org

DIRECTIONS

Massachusetts Medical Society
860 Winter Street
Waltham, MA

From Boston

Travel west on the Massachusetts Turnpike/I-90 to Exit 15. Keep right beyond the toll booth and follow the signs for I-95/128 North. Follow 95/128 North for approximately two miles to Exit 27A-27B (Winter Street). Off exit ramp, keep right and go over 128 and follow Winter Street for approximately one mile. You'll pass the reservoir on your right, and the road will curve sharply to the right. Immediately after the curve, you'll see the Waltham Woods sign on the left. See below for further directions.

From Points West

Travel east on the Massachusetts Turnpike/I-90 to Exit 14. Keep left beyond the toll booth and follow the signs for I-95/128 North. Follow 95/128 North for approximately two miles to Exit 27A-27B (Winter Street). Off exit ramp, keep right and go over 128 and follow Winter Street for approximately one mile. You'll pass the reservoir on your right, and the road will curve sharply to the right. Immediately after the curve, you'll see the Waltham Woods sign on the left. See below for further directions.

From Points North

Travel south on Route 128/I-95 to Exit 27B (Winter Street). Off exit ramp, keep right and follow Winter Street for approximately one mile. You'll pass the reservoir on your right, and the road will curve sharply to the right. Immediately after the curve, you'll see the Waltham Woods sign on the left. See below for further directions.

From Points South

Travel north on Route 128/I-95 to Exit 27A-27B (Winter Street). Off exit ramp, keep right and go over 128 and follow Winter Street for approximately one mile. You'll pass the reservoir on your right, and the road will curve sharply to the right. Immediately after the curve, you'll see the Waltham Woods sign on the left. See below for further directions.

At Waltham Woods

Take a left at the Waltham Woods sign on Winter Street, and follow the road up the hill (approximately one-third mile). MMS Headquarters will be directly in front of you. (Note that parking and the main entrance are at the back of the building.)

MSO MASSACHUSETTS SOCIETY OF OTOLARYNGOLOGY/ HEAD & NECK SURGERY, INC
PO Box 549127
Waltham, MA 02454-9127

THE MASSACHUSETTS MEDICAL SOCIETY
jointly provides with

MSO MASSACHUSETTS SOCIETY OF OTOLARYNGOLOGY/ HEAD & NECK SURGERY, INC

2016 FALL PROGRAM

State of the Art in Hearing Restoration Technology

Wednesday, November 2, 2016
5:30–9:00 p.m.

State of the Art in Hearing Restoration Technology

Wednesday, November 2, 2016

AGENDA

5:30 p.m.
Registration and Exhibits

6:00 p.m.
Buffet Dinner

6:20 p.m.
Welcome
Legislative Update and President's Remarks
Jeffrey Brown, MD, MSO-HNS President

6:35 p.m.
Sensory Hair Cell Function, Dysfunction, and the Prospects for Hearing Restoration
Jeffrey R. Holt, PhD, Professor of Otolaryngology, Director of Research, Otolaryngology, F.M. Kirby Neurobiology Center, Boston Children's Hospital, Harvard Medical School, Harvard-MIT Health Sciences and Technology Faculty

7:25 p.m.
Hearing Aids: No Longer Just an Amplifier
Matthew Kelley, AuD, Audiology Manager, Ear, Nose and Throat Surgeons of Western New England

8:05 p.m.
Dessert Break and Exhibits

8:25 p.m.
Implantable Hearing Technology for the General Otolaryngologist
Theodore Mason, MD, Ear, Nose and Throat Surgeons of Western New England, President-Elect, MSO-HNS

8:55 p.m.
Q & A

9:00 p.m.
Meeting Adjourned

PROGRAM OBJECTIVES

- Discuss the genetic and molecular basis of hair cell function.
- Interpret a few of the more aprevalent genetic mutations that cause hereditary hearing loss.
- Explain novel gene therapy strategies currently being developed for treating hereditary hearing loss.
- Recognize the unique needs of the hard-of-hearing patient and how modern hearing aids control sound to deliver a more robust speech signal without the background noise.
- Describe noise management algorithms, advancements in directional microphones, feedback control, and wireless capabilities.
- Talk to patients about the types of implantable hearing technologies available today, explaining general indications for each type, and make appropriate referrals.
- Understand the general indications for each type of implantable hearing technology and be better able to make appropriate referrals.

AMA CREDIT DESIGNATION STATEMENT

The Massachusetts Medical Society designates this live activity for a maximum of 2.0 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through joint providership of the Massachusetts Medical Society and the Massachusetts Society of Otolaryngology/Head and Neck Surgery, Inc. The Massachusetts Medical Society is accredited by the ACCME to provide continuing medical education for physicians.

FACULTY

Jeffrey Holt, PhD

Jeffrey Holt received a PhD from the University of Rochester in 1995. He completed a postdoctoral fellowship with the Howard Hughes Medical Institute at Harvard Medical School in the laboratory of David Corey. In 2001, Dr. Holt accepted a faculty position in the Department of Neuroscience at the University of Virginia. In 2011, he returned to Harvard to join the Department of Otolaryngology, the F.M. Kirby Neurobiology Center, and the Neurobiology Program at Boston Children's Hospital. Dr. Holt was promoted to professor of otolaryngology at Harvard Medical School in 2016.

Theodore Mason, MD

Theodore Mason, MD, came to western Massachusetts in 2002, bringing access to otologic procedures and technology previously only available in Worcester and Boston. After finishing his residency in Otolaryngology — Head and Neck Surgery at the University of Illinois, he went to the prestigious California Ear Institute at Stanford for two years to work with some of the nation's finest leaders in the treatment of ear-related disorders. After arriving in Springfield, Dr. Mason worked to establish the Baystate Medical Center Cochlear Implant Program, now recognized as one of the New England's busiest and most respected implant programs. He provides state-of-the-art diagnostic and treatment modalities for the full breadth of otologic disorders for adults and children.

Matthew Kelley, AuD

Matthew Kelley, AuD, is the lead audiologist at Ear, Nose and Throat Surgeons of Western New England. Hard-of-hearing himself, his more than 30-year history of personal amplification use has provided him a unique perspective as well as the opportunity to experiment with technology as soon as it hits the market. He enjoys all areas of hearing science with a focus on hearing conservation and amplification.

Dear Member/Attendee,

The Massachusetts Society of Otolaryngology/Head and Neck Surgery, Inc. invites you to attend our upcoming fall program *State of the Art in Hearing Restoration Technology* jointly provided by the Massachusetts Medical Society. This meeting is hosted by the Massachusetts Society of Otolaryngology, and it will be held at the Massachusetts Medical Society's Headquarters in Waltham, MA, on Wednesday, November 2, 2016 from 5:30 to 9:00 p.m.

This is a great opportunity to network with your peers and hear from an array of experts on the timely topic of hearing restoration technology. We look forward to seeing you soon!

Sincerely,

Jeffrey Brown, MD, President,
Massachusetts Society of Otolaryngology/
Head and Neck Surgery, Inc.