Intent and Overview
The field of Otolaryngology-Head and Neck Surgery continues to evolve with new technologies, treatment options and advanced scientific knowledge. The meeting will discuss an array of topics in the field of Otolaryngology, specifically in Head & Neck Surgery, Laryngology, Facial Plastics, and Pediatric Otolaryngology. In addition to discussing “cutting edge” topics within these areas of Otolaryngology, this meeting will focus on practical applications of everyday otolaryngologic care from the above-mentioned sub-specialties within Otolaryngology.

Objectives
At the completion of the course, the participant should be able to:

- Describe the multidisciplinary management of larynx cancer
- Learn how novel technologies can be applied for the management of obstructive sleep apnea.
- Learn indications for hybrid cochlear implantation.
- Understand the complications associated with laryngological procedures and how to avoid them
- Understand the proper ergonomics of microsuspension laryngoscopy, with intent to improve surgical outcomes and decrease musculoskeletal issues associated with performing surgery
- Understand how innovations in technology are changing the treatment paradigms for benign and low-grade malignant laryngeal disease
- Understand paradoxical vocal fold motion and its treatment
- Understand indications for pediatric sialoendoscopy
- Describe the treatment options for pediatric aspiration
- Learn about role of computational modeling the pediatric airway
- Improve the understanding of what might lead to an untoward outcome in rhinoplasty, how to prevent it and how to correct it
- Better recognize mandibular nonunion, understand what circumstances might increase risk and review management options
- Review the multiple etiologies of lower eyelid ectropion and discuss surgical repair
- Describe several options for the correction of caudal septal deformities

Who Should Attend
Otolaryngologists, primary care physicians, pediatricians, family practitioners, nurse practitioners, physician assistants, residents, audiologists, speech therapists and other interested health care professionals.

CME Accreditation and Designation Statement:

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 10.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.0 continuing education units (CEU’s) which are equal to 10.7 contact hours.
SCHEDULE

Day 1 of 2: Friday, March 20, 2015
Location: Herberman Conference Center
At UPMC Shadyside
5150 Centre Avenue, Pittsburgh, PA 15232

7:00 – 8:00 am  Registration and Breakfast

8:00 – 8:05 am  Welcome
Jonas Johnson, MD

SESSION 1 – HEAD & NECK

Session Chair: Melonie Nance, MD

8:05 – 8:10 am  Introduction
Melonie Nance, MD

8:10 – 8:30 am  Evolution in Larynx Cancer Treatment: Historical Perspective
Jonas Johnson, MD

8:30 – 8:50 am  Current Translational Science in Larynx Cancer
Alec Vaezi, MD, PhD

8:50 – 9:10 am  Modern Concepts in Multidisciplinary Management of Larynx Cancer
Karen Pitman, MD

9:10 – 9:30 am  Current and Future Innovations on Larynx Cancer Treatment
Miriam Lango, MD

9:30 – 9:50 am  Head & Neck Panel/Q&A
Moderator: Melonie Nance, MD
Panelists: Miriam Lango, MD; Eugene Myers, MD; Karen Pitman MD; Alec Vaezi, MD, PhD

9:50 – 10:15 am  BREAK

SESSION 2 – INNOVATIONS IN OTOLARYNGOLOGY

Session Chair: Andrew McCall, MD

10:15 – 10:20 am  Introduction
Andrew McCall, MD

10:20 – 10:40 am  Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea
Ryan Soose, MD
10:40 – 11:00 am  Applications and Indications for the Hybrid Cochlear Implant
Peter Weber, MD

11:00 – 11:20 am  Updates on Sialendoscopy
Barry Schaitkin, MD

11:20 – 11:40 pm  Fiber Tracking in Skull Base Surgery
Juan Fernandez-Miranda, MD

11:40 – 12:00 pm  Robotic Approaches to Head and Neck Surgery
Uma Duvvuri, MD, PhD

12:00 – 1:00 pm  LUNCH

SESSION 3 – LARYNGOLOGY

Session Chair: Libby Smith, DO

1:00 – 1:05 pm  Introduction
Libby Smith, DO

1:05 – 1:25 pm  Ergonomics of Microlaryngeal Surgery
Libby Smith, DO

1:25 – 1:45 pm  Technology: Innovations and Changing the Treatment of Laryngeal Disease
Thomas Carroll, MD

1:45 – 2:05 pm  Complications in Laryngology and How to Avoid Them
John Ingle, MD

2:05 – 2:25 pm  SLP Primer 101: Voice Therapy and Respiratory Retraining
Amanda Gillespie, PhD

2:25 – 2:55 pm  Management of Paradoxical Vocal Fold Motion Panel/Q&A
Moderator: Libby Smith, DO
Panelists: Thomas Carroll, MD; Amanda Gillespie, PhD; John Ingle MD

2:55 – 3:15 pm  BREAK
SESSION 4 – FACIAL PLASTICS

Session Chair: Grant Gillman, MD

3:15 – 3:20 pm  Introduction  
Grant Gillman, MD

3:20 – 4:05 pm  Revision Rhinoplasty Panel  
Moderator: Grant Gillman, MD  
Panelists: Rebecca Fraioli, MD; Paul Leong, MD

4:05 – 4:25 pm  Mandibular Nonunion  
BJ Costello, MD, DMD

4:25 – 4:45 pm  Ectropion  
Susan (Tonya) Stefko, MD

4:45 – 5:10 pm  How I Manage the Caudal Septal Deformity  
Grant Gillman, MD

5:10 pm  Adjournment Day 1 of 2

5:10 – 7:00 pm  Reception

Day 2 of 2:  Saturday, March 21, 2015
Location: BST 120
At UPMC Presbyterian, 203 Lothrop Street

7:00 – 8:00 am  Registration and Breakfast

SESSION 5 – RESIDENT RESEARCH PRESENTATIONS AND AWARDS

Session Chair: Suman Golla, MD

8:00 – 9:10 am  Resident Research Presentations  
8:00  Presentation I  
8:10  Presentation II  
8:20  Presentation III  
9:00  Discussion

8:30  Presentation IV  
8:40  Presentation V  
8:50  Presentation VI

9:10 – 9:20 am  BREAK

9:20 – 9:30 am  Robert A. and George C. Schein Award Presentation
SESSION 6 – PEDIATRIC OTOLARYNGOLOGY

Session Chair: David Chi, MD

9:30 – 9:35 am      Introduction
                   David Chi, MD

9:35 – 9:55 am      Computational Modeling of the Pediatric Airway in Subglottic Stenosis
                   Carlton Zdanski, MD

9:55 – 10:15 am     Innovative Treatments for Chronic Pediatric Aspiration
                   David Horn, MD

10:15 – 10:35 am    ENT Manifestations of Pediatric Eosinophilic Esophagitis
                   Todd Otteson, MD

10:35 – 10:55 am    Current Update of Pediatric Sialoendoscopy
                   Katie Colman, MD

10:55 – 11:45 pm    Challenging Cases in Pediatric Otolaryngology/Q&A
                   Moderator: David Chi, MD
                   Panelists: Katie Colman, MD; David Horn, MD; Todd Otteson, MD; Carlton Zdanski, MD

11:45 pm            Adjournment Day 2 of 2
**COURSE DIRECTORS**

- **David Chi, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

- **Suman Golla, MD**
  - Associate Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

- **Stella Lee, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

- **Andrew McCall, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

- **Melonie Nance, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

- **Libby Smith, DO**
  - Associate Professor
  - Department of Otolaryngology
  - University of Pittsburgh School of Medicine

**GUEST FACULTY**

- **Thomas Carroll, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - Brigham and Women’s Hospital
  - Boston, MA

- **Katie Colman, MD**
  - Attending Physician
  - Advocate Illinois Masonic Hospital
  - Chicago, IL

- **Rebecca Fraioli, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - Albert Einstein College of Medicine
  - Bronx, NY

- **David Horn, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Washington
  - Seattle, WA

- **John Ingle, MD**
  - Assistant Professor
  - Department of Otolaryngology
  - University of Rochester
  - Rochester, NY

- **Miriam Lango, MD**
  - Attending Surgeon,
  - Head and Neck Oncology
  - Fox Chase Cancer Center
  - Temple Health
  - Philadelphia, PA

- **Paul Leong, MD**
  - Director Ideal Facial Plastic and Laser Surgery PC
  - Pittsburgh, PA

- **Todd Otteson, MD**
  - Chief, Pediatric Otolaryngology
  - UH Rainbow Babies and Children’s Hospital
  - Case Western Reserve University
  - Cleveland, OH
Karen Pitman, MD  
Faculty  
Head and Neck Surgery  
Banner MD Anderson Cancer Center  
Phoenix, AZ  

Alec Vaezi, MD, PhD  
Assistant Professor  
Department of Otolaryngology  
University of Massachusetts  
Worcester, MA  

Peter Weber, MD  
Medical Director Cochlear Americas  
Department of Otolaryngology  
University of Massachusetts  
Worcester, MA  

Carlton Zdanski, MD  
Associate Professor  
Chief, Pediatric Otolaryngology  
University of North Carolina  
Chapel Hill, NC  

LOCAL FACULTY  

Bernard J. Costello, MD, DMD, FACS  
Professor and Program Director  
Chief, Pediatric Craniofacial and Cleft Surgery  
Department of Oral and Maxillofacial Surgery  
Director of Translational Research University of Pittsburgh School of Dental Medicine  
Adjunct Professor of Otolaryngology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA  

Uma Duvvuri, MD, PhD  
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Department of Otolaryngology  
University of Pittsburgh School of Medicine  

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University of Pittsburgh School of Medicine  
Pittsburgh, PA  

Juan Fernandez-Miranda, MD  
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Pittsburgh, PA  

Jonas Johnson, MD  
Professor and Chairman  
Department of Otolaryngology  
Professor, Department of Radiation Oncology  
University of Pittsburgh School of Medicine  
Professor, Department of Oral and Maxillofacial Surgery University of Pittsburgh School of Dental Medicine  
Pittsburgh, PA  

Grant Gillman, MD  
Associate Professor  
Director, Division of Facial Plastic and Reconstructive Surgery  
Department of Otolaryngology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA  

Ryan Soose, MD  
Assistant Professor  
Director, Division of Sleep Medicine  
Department of Otolaryngology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA  

Barry Schaitkin, MD  
Professor  
Department of Otolaryngology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA
Susan (Tonya) Stefko, MD
Assistant Professor of Ophthalmology,
Otolaryngology and Neurosurgery
Director, Orbital, Oculoplastics and Aesthetic
Surgery Service
University of Pittsburgh School of Medicine
Pittsburgh, PA

Faculty Disclosure
Faculty for this activity are required to disclose all relevant financial relationships with any
proprietary entity producing, marketing, re-selling, or distributing health care goods or services,
used on, or consumed by, patients.
REGISTRATION

For Online Registration Information Visit:
https://ccehs.upmc.com/liveFormalcourses.jsf and scroll to:
2015: Three Rivers Otolaryngology Update
Registration Fee is $250 Physicians, Nurses, and all other health care professionals.
CENTS (Community Ears Nose and Throat Specialists) Member: Yes or No ____________
Coding Personnel Fee: $125.00
Tuition fee is waived for all residents, fellows, international visiting scholars and medical students but registration is still required.

MEETING LOCATION
The conference will be held at the Herberman Conference Center, 2nd Floor, at UPMC Shadyside, 5150 Centre Avenue, Pittsburgh, PA 15232 on Friday March 20th and at UPMC Presbyterian BST 120, 203 Lothrop Street on Saturday March 21st.

Special Needs
 Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by emailing Jackie Lynch at lynchjj@upmc.edu.

Cancellation
All cancellations must be in writing and sent to us via U.S. mail, email or fax. Tuition for cancellations postmarked or date stamped before February 2, 2015 will be completely refunded. From February 2-8, 2015, a $50.00 administrative fee will be assessed. No refunds will be made after February 9, 2015. “No shows” are not eligible for refunds.

The UPMC/Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Cancellation requests can be made to:
Jackie Lynch, Department of Otolaryngology
University of Pittsburgh School of Medicine
Eye and Ear Institute, 200 Lothrop Street, Suite 500
Pittsburgh, PA 15213
412-648-6294 (T) 412-648-6300 (F) lynchjj@upmc.edu
REGISTRATION FORM

2015: Three Rivers Otolaryngology Update
March 20-21, 2015
Course # 5030
Please type or print clearly; photocopy both sides of this form for additional registrants.
No Registration Will Be Accepted Without Payment Attached.

*Last FIVE digits of Social Security Number: ___-___-___ ___ ___ ___ ___ *required
*Prefix: o Mr. o Mrs. o Dr. o Ms. o Other, please indicate: __________
*First Name: ______________________________ This is how your name will appear
*Last Name: ______________________________ on your name badge. *required
*Suffix (Jr., Sr., etc...): ______
Company/Institutional Affiliation: _________________________
Specialty: ______________________________
Email address: _____________________________
*Degree: o MD o DO o Resident o PhD o MPH o RN *required
 o Other, please indicate: __________
Address: ___________________________________________________________________
City: ____________________ State: _______ ZIP: _______________
Work Telephone ( ) ________________
Fax ( ) ________________

How did you hear about this conference?
________________________________________________________________________

☐ I require vegetarian lunch.
☐ I require kosher lunch.
☐ I have no special dietary requirements.

Registration Fees
$250 Physicians, Nurses, and other health care professionals.
Yes or No _____ Member CENTS (Community Ears Nose and Throat Specialists)
$125.00 Coding Personnel
Online Registration Information Visit: https://ceehs.upmc.com/liveFormalcourses.jsf and scroll to: 2015: Three Rivers Otolaryngology Update

Tuition fee is waived for all residents, international visiting scholars and medical students - registration is still required. Please indicate if you are a resident, international visiting scholars and medical students:

________________________________________________________________________

Total Registration fee enclosed $_______

PAYMENT MUST ACCOMPANY REGISTRATION.
Method of Payment: Credit Card or Check or interdepartmental transfer.

Name: ______________________________________________________________
Zip Code: __________________________________________________________
Card #: ____________________________________________________________
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Please make checks payable to **UPP Department of Otolaryngology**.

**Mail/Fax Payment and Registration to:**
Jackie Lynch, Department of Otolaryngology
University of Pittsburgh School of Medicine
Eye and Ear Institute, 200 Lothrop Street, Suite 500
Pittsburgh, PA 15213
412-648-6294 (T) 412-648-6300 (F) lynchjj@upmc.edu

**OVERNIGHT ACCOMMODATIONS**
We are not holding a block of rooms. However, because of their close proximity to the event
and shuttle service, we suggest you make your hotel reservation at one of the following:

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<tr>
<th>Hotel</th>
<th>Address</th>
<th>Phone</th>
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<td>Courtyard by Marriott</td>
<td>5308 Liberty Avenue</td>
<td>(412) 683-3113</td>
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<td>Pittsburgh, PA 15224</td>
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<td>Hilton Garden Inn</td>
<td>3454 Forbes Avenue</td>
<td>(412) 683-2040</td>
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<td>Pittsburgh, PA 15213</td>
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<tr>
<td>Shadyside Inn</td>
<td>5405 Fifth Avenue</td>
<td>(412) 441-4444/1-800-767-8483</td>
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<td>Pittsburgh, PA 15232</td>
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