



# American Society of Head & Neck Radiology

Comprehensive Head and Neck Imaging: 50 Years of Progress

**September 7 - 11, 2016**

Hyatt Regency Washington on Capitol Hill  
Washington, D.C.

29.25 AMA PRA Category 1 Credit(s)<sup>™</sup>

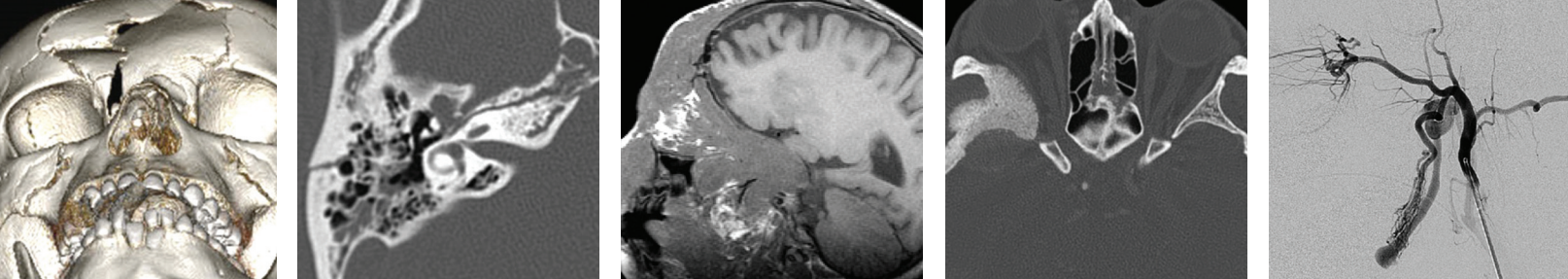
Four sessions of the meeting program will be  
submitted for SAM qualification.

**Hands-on US and US-Guided Biopsy Seminar  
Saturday, September 10, 2016**

Separate Registration Required  
Registration is Limited to 20 Attendees Per Session.

Not accredited for AMA PRA Category 1 Credit(s)<sup>™</sup>

Call for Abstracts at [www.ashnr.org](http://www.ashnr.org) • **Deadline: May 15, 2016**



## From The Program Chair

On behalf of the American Society of Head and Neck Radiology, I want to personally invite you to Washington, D.C. for the next Annual Meeting of the ASHNR during September 7-11, 2016. This meeting, entitled "Comprehensive Head and Neck Imaging: 50 Years of Progress", will celebrate the 50th anniversary of our society. Over 70 head and neck imaging experts will comprehensively review all major aspects of our discipline. This year's meeting will introduce you to numerous established stars in the field, as well as up-and-coming leaders who will guide the future of this complex specialty. These experienced educators will provide detailed, up-to-date, and clinically relevant lectures on head and neck anatomy and pathology. Several special presentations and events will celebrate the past 50 years of our society.

The meeting will begin with the Early Bird Temporal Bone Session on Wednesday morning, September 7. Wednesday afternoon programming will include special presentations on the "History of the ASHNR" and "The Early Days of Head and Neck Imaging". Thursday, September 8 will open with The Daniel "Stormy" H. Johnson, Jr. Inaugural Lecture and a focused session on facial and mandibular trauma. Thursday will conclude with the popular "Head and Neck Imaging Game Show". Friday, September 9 will be primarily devoted to comprehensive imaging and management of head and neck cancer. A special session on advanced CT and MR imaging will be offered in the afternoon. The schedule on Saturday, September 10 starts with a session on evaluation of patients with cervical and cranial nerve abnormalities. Back by popular demand on Saturday afternoon is a special unaccredited "Hands-on Ultrasound Workshop", where attendees can practice US-guided needle biopsy using phantoms. Sunday, September 11 includes sessions on imaging of the mandible and maxilla, as well as pediatric H&N diseases.

There will be over 29 hours of *AMA PRA Category 1 Credit(s)*<sup>™</sup> available to you. Four sessions of the meeting program (approximately 8 hours) will be submitted for SAM qualification.

Washington, D.C. is known for its wonderful museums, beautiful sights, historical buildings, elegant dining, marvelous shopping, and modern transportation. The Hyatt Regency Washington on Capitol Hill is a luxury hotel and a favorite of visiting dignitaries. It offers upscale guest rooms, modern amenities, full-service spa, complimentary exercise facilities, and exquisite dining. The hotel is located within walking distance of the National Mall, Smithsonian Museums, U.S. Capitol, White House, and numerous other historical sites. The ASHNR Gala will be held in the beautiful Kogod Courtyard within the National Portrait Gallery on Saturday, September 10. It is my honor as program chair to invite you to attend the historic ASHNR 50<sup>th</sup> Anniversary Annual Meeting.

**Lindell R. Gentry, MD, FACR**  
President-Elect and Program Chair  
American Society of Head & Neck Radiology

## Accreditation

**Physicians:** This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Educational Symposia and the American Society of Head & Neck Radiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

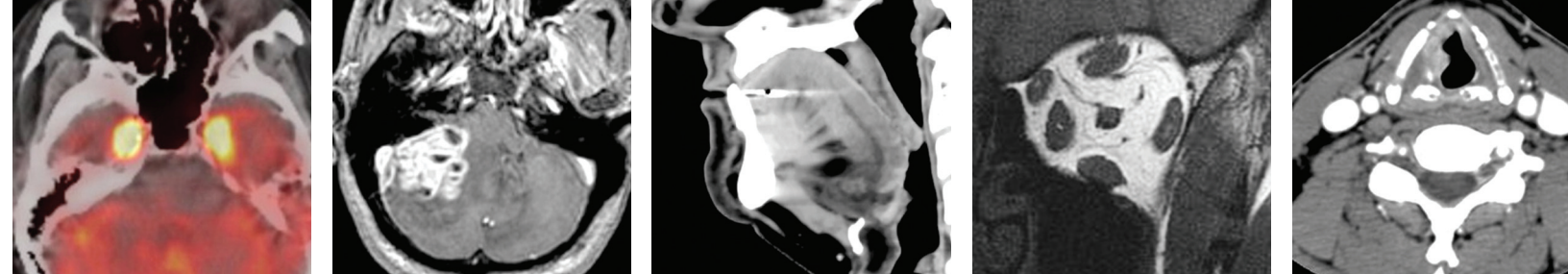
Educational Symposia designates this live activity for a maximum of 29.25 *AMA PRA Category 1 Credit(s)*<sup>™</sup>, including 1.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup> for the Early Bird Temporal Bone Session. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Self-Assessment Modules (SAMs):** Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

**Technologists:** This program has been submitted to the ASRT. The number of Category A CE credits will be available approximately 30 days prior to the meeting. Please visit [ashnr.edusymp.com](http://ashnr.edusymp.com) or call 1-800-338-5901 regarding the availability of Category A CE credit.

## Target Audience

- General radiologists seeking to improve their understanding and skills in head and neck imaging.
- Radiologists with an interest in head and neck imaging who wish to increase their knowledge of imaging and treatment of head and neck pathology.
- Dental and oral-maxillofacial practitioners with an interest in pathology and imaging of the jaws and adjacent soft tissues.
- Non-radiologists, including ENT physicians, head and neck surgeons, medical and radiation oncologists, and general surgeons, who are interested in head and neck cancer therapy and diagnosis.
- Allied health professionals, including physician assistants, nurses, nurse practitioners and radiology technologists with an interest in head and neck cancer and imaging.
- Physicians-in-training, residents and fellows pursuing careers in radiology, otolaryngology, and treatment of head and neck cancer.



## Educational Objectives

Attendees should, at the completion of this meeting, be able to:

- Identify the anatomy of the temporal bone, orbit, face, skull base, and neck.
- Describe the normal lymphatic drainage of the neck and patterns of head and neck lymphatic cancer spread.
- Review the anatomy of cranial nerves and the clinical presentation of various pathologies affecting cranial nerves.
- Identify the imaging features and clinical significance of perineural tumor spread.
- Describe the common infectious and inflammatory processes that involve the orbit, neck, temporal bone, and sinonasal region.
- Diagnose the common traumatic lesions that affect the orbit, temporal bone, face, and mandible as well as frequent trauma-related complications.
- Discuss the various image-guided head and neck biopsy techniques.
- Describe the indications and clinical applications for perfusion and diffusion imaging of head and neck tumors.
- Determine the best imaging technique for staging of head and neck cancer.
- Discuss the benefits and limitations of PET/CT imaging for head and neck cancer.
- Recognize imaging features of various developmental lesions of the face, orbit, temporal bone, and neck.
- Evaluate emergent head and neck pathology.

*No special educational preparation is required for this CME activity.*

## CALL FOR ABSTRACTS

CALL FOR ABSTRACTS for both Scientific Papers (oral) and Educational Exhibits (physical and electronic posters), including information, instructions and forms, are available on our website [www.ashnr.org](http://www.ashnr.org). Deadline for submissions is **Sunday, May 15, 2016**.

## 2015 - 2016 Program Committee

Lindell R. Gentry, MD, FACR  
*President-Elect and Program Chair*

Rebecca S. Cornelius, MD, FACR  
David R. DeLone, MD  
Lawrence E. Ginsberg, MD  
Roy A. Holliday, MD

Tabassum A. Kennedy, MD  
Michelle A. Michel, MD  
Caroline D. Robson, MB, ChB  
Ilona M. Schmalfuss, MD

## 2015 - 2016 Executive Committee

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*Secretary*

Ilona M. Schmalfuss, MD  
*Education Committee Chair*

Barton F. Branstetter IV, MD  
*Rules Committee Chair*

## Early Bird Temporal Bone Session Wednesday, September 7, 2016 10:00 AM – 11:30 AM

Please join us for the Early Bird Temporal Bone Session (1.5 AMA PRA Category 1 Credit(s)<sup>TM</sup>) which will be an opportunity for attendees to show each other interesting cases. Please bring your interesting anonymized cases without any patient identifiers on a USB drive between 9:00 AM - 9:45 AM and share with your colleagues and the experts. Please carefully select the number of images as each case will be limited to approximately 3-4 minutes, including discussion. Individuals will be allowed to show a maximum of two cases to allow as many attendees as possible to participate.

## Special Note for the Disabled

Educational Symposia (ESI) and the American Society of Head & Neck Radiology wish to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact ESI at (800) 338-5901 or (813) 806-1000.

## Disclaimer

Educational Symposia (ESI) and the American Society of Head & Neck Radiology as planners and presenters of this meeting claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during, this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee.

# Meeting Program

## Wednesday, September 7, 2016

**9:00 AM Registration Opens**

### **10:00 – 11:30 Early Bird Temporal Bone Session**

*Moderators: Hugh D. Curtin, MD,  
John L. Go, MD and John (Jack) I. Lane, MD*

*Please bring your interesting cases on USB drive between  
9:00am - 9:45am and share with your colleagues and the  
experts.*

### **11:30 – 12:30 PM Lunch on Your Own**

**12:30 – 12:40 Welcoming Remarks**  
*Lindell R. Gentry, MD, FACR*

**12:40 – 1:30 History of the ASHNR / The Early Days  
of Head & Neck Imaging ♦**  
*Anton N. Hasso, MD, FACR and  
Daniel H. Johnson, Jr., MD, FACR*

### **Session 1 Neck Anatomy and Pathology**

*Moderators: Lev Bangiyev, DO, DABR and  
Lawrence N. Tanenbaum, MD, FACR*

**1:30 – 1:55 Carotid Space Anatomy and Pathology**  
*Rebecca S. Cornelius, MD, FACR*

**1:55 – 2:20 Masticator and Prestyloid  
Parapharyngeal Spaces**  
*Daniel E. Meltzer, MD*

**2:20 – 2:45 Retropharyngeal, Danger, and  
Paraspinal Spaces**  
*Keivan Shifteh, MD*

**2:45 – 3:10 Thoracic Inlet: What Do I Need  
To Know?**  
*Deborah L. Reede, MD*

**3:10 – 3:30 Refreshment Break and  
Visit Exhibitors**

## Wednesday, September 7, 2016 (continued)

### **Session 2 Glandular Imaging**

*Moderators: Joshua E. Lantos, MD and  
Raymond K. Tu, MD, MS, FACR*

**3:30 – 3:55 Salivary Glands: Benign Disease**  
*Edward E. Kassel, DDS, MD, FACR*

**3:55 – 4:20 Salivary Glands: Neoplasms**  
*Hilda E. Stambuk, MD*

**4:20 – 4:45 Parathyroid Imaging**  
*C. Douglas Phillips, MD, FACR*

**4:45 – 5:10 Thyroid Gland Imaging**  
*Jenny K. Hoang, MBBS*

**5:10 End of Session**

### **Membership and Grants ♦**

*Moderator: Ashok Srinivasan, MD*

**5:10 – 5:13 ASHNR Membership and  
Research Grants**  
*Ashok Srinivasan, MD*

**5:13 – 5:18 ASHNR Membership: Why You Should  
be a Member!**  
*Jane H. Maksimovic, DO*

**5:18 – 5:23 Core Curriculum Fund and Hanafee  
Research Grants: Why You Should  
Contribute!**  
*Nicholas A. Koontz, MD*

**5:23 – 5:30 2015 William N. Hanafee, MD Research  
Grant Award Presentation**  
*Recipient: Andreea G. Moore, MD,  
Univ. of Michigan*

**6:00 Opening Reception**

## Thursday, September 8, 2016

**6:45 – 7:15 AM**

### **Breakfast and Learn How-To Session ♦**

*Sponsored by Philips Healthcare*

### **Session 3**

#### **Facial, Skull Base, and Mandibular Trauma**

*Moderators: Peter H.B. McCreight, MD, FACR, and  
Hillary R. Kelly, MD*

**7:30 – 8:00**

Daniel "Stormy" H. Johnson, Jr.  
Inaugural Lecture: Facial Trauma  
*Sara R. Nace, MD*

**8:00 – 8:25**

Mandibular and TMJ Trauma  
*Felix E. Diehn, MD*

**8:25 – 8:50**

Skull Base Trauma - CSF Leaks  
*Kristen Lloyd Baugnon, MD*

**8:50 – 9:30**

Management of Mandibulofacial Trauma  
*Paul Manson, MD*

**9:30 – 9:55**

### **Refreshment Break and Visit Exhibitors**

### **Session 4**

#### **SAM Session I - Orbit \***

*Moderators: Mahmood F. Mafee, MD, FACR and  
Ali R. Sepahdari, MD*

**9:55 – 10:20**

Orbital Anatomy  
*Mary Elizabeth Cunnane, MD*

**10:20 – 10:45**

Evaluation of the Patient with Visual Loss  
*Tabassum A. Kennedy, MD*

**10:45 – 11:10**

Ocular Abnormalities  
*Bernadette L. Koch, MD*

**11:10 – 11:35**

Orbital Inflammatory Disease  
*Gregory Avey, MD*

**11:35 – 12:00 PM**

Extraocular Orbital Neoplasms  
*H. Christian Davidson, MD*

**12:00 – 1:00**

### **Lunch and Learn How-To Session ♦**

## Thursday, September 8, 2016 (continued)

### **Session 5**

#### **Temporal Bone**

*Moderators: Girish M. Fatterpekar, MBBS, DNB, MD, and  
Steven M. Weindling, MD*

**1:00 – 1:25**

Temporal Bone Anatomy  
*Timothy L. Larson, MD*

**1:25 – 1:50**

Temporal Bone Trauma  
*Gul Moonis, MD*

**1:50 – 2:15**

Temporal Bone Inflammatory Disease  
*Joel D. Swartz, MD*

**2:15 – 2:40**

Sensorineural Hearing Loss  
*Karen L. Salzman, MD*

**2:40 – 3:05**

Conductive Hearing Loss  
*Julian Park Nam Goh, MBBS*

**3:05 – 3:30**

Congenital Anomalies of the  
Temporal Bone  
*Caroline D. Robson, MB, ChB*

**3:30 – 3:55**

### **Refreshment Break and Visit Exhibitors**

### **Session 6**

#### **Vascular Abnormalities**

*Moderators: Anton N. Hasso, MD, FACR and  
Osamu Sakai, MD, PhD*

**3:55 – 4:20**

Vascular Lesion of the Orbit and Face  
*William P. Dillon, MD*

**4:20 – 4:45**

Interventional Treatment of Vascular  
H&N Lesions  
*Michele H. Johnson, MD*

### **Session 7**

#### **Game Show**

**4:45 – 6:15**

Head and Neck Imaging Game Show  
*Philip R. Chapman, MD,  
Luke N. Ledbetter, MD and  
Richard H. Wiggins, III, MD, CIIP, FSIIM*

**6:15**

### **End of Session**

Faculty & topics subject to change.

♦ Session not accredited for AMA PRA Category 1 Credit(s)<sup>™</sup>

\* This SAM session will be submitted for approval and is subject to change.

# Meeting Program Continued

## Friday, September 9, 2016

**6:45 – 7:15 AM**      **Breakfast and Learn  
How-To Session ♦**  
*Sponsored by Siemens Healthcare*

### **Session 8** **SAM Session II - Head and Neck Cancer I \***

*Moderators: Nandita Guha-Thakurta, MD and  
Donald W. Chakeres, MD, FACR*

|             |   |
|-------------|---|
| 7:30 – 7:55 | Update on HPV and EBV<br>Related Cancer<br><i>Claudia F.E. Kirsch, MD</i>       |
| 7:55 – 8:20 | Nasopharyngeal Cancer<br><i>Nancy J. Fischbein, MD</i>                          |
| 8:20 – 8:45 | Oral Cavity and Oropharyngeal Cancer<br><i>Wendy R.K. Smoker, MS, MD, FACR</i>  |
| 8:45 – 9:10 | Laryngeal and Hypopharyngeal Cancer<br><i>Suresh K. Mukherji, MD, MBA, FACR</i> |
| 9:10 – 9:35 | Sinonasal Neoplasms<br><i>Deborah R. Shatzkes, MD</i>                           |

**9:35 – 10:00**      **Refreshment Break and  
Visit Exhibitors**

### **Session 9** **Head and Neck Cancer II**

*Moderators: Mariah H. Bashir, MD and  
Raymond F. Carmody, MD, FACR*

|                  |   |
|------------------|---|
| 10:00 – 10:25    | Perineural Tumor Spread<br><i>Lawrence E. Ginsberg, MD</i>                          |
| 10:25 – 10:50    | Lymphadenopathy<br><i>Peter M. Som, MD, FACR, FRSM</i>                              |
| 10:50 – 11:15    | Unknown Primary<br><i>Robert E. Morales, MD</i>                                     |
| 11:15 – 11:40    | PET-CT and PET- MR<br>Surveillance Imaging<br><i>Barton F. Branstetter, IV, MD</i>  |
| 11:40 – 12:05 PM | Head & Neck Cancer:<br>Post-treatment Changes<br><i>Daniel W. Williams, III, MD</i> |

## Friday, September 9, 2016 (continued)

12:05 – 1:15      Gold Medal Award Luncheon ♦  
Honoring 2016 Recipient  
Anton N. Hasso, MD, FACR  
*Sponsored by  
Lindell R. Gentry, MD, FACR and Family*

### **Session 10** **Scientific Paper Session I ♦**

1:15 – 2:30      **Moderators:**  
*Joseph M. Aulino, MD and  
R. Nick Bryan, MD, PhD, FACR*

### **Session 11** **Head & Neck Cancer III**

*Moderators: Lindell R. Gentry, MD, FACR and  
Nicholas A. Koontz, MD*

2:30 – 3:15      Functional Reconstruction of the  
Oral Cavity and Oropharynx  
*Greg Hartig, MD*

**3:15 – 3:35**      **Refreshment Break and  
Visit Exhibitors**

### **Session 12** **Advanced CT and MR Imaging**

*Moderators: Vikas Jain, MBBS and Jared M. Steinklein, MD*

|             |   |
|-------------|---|
| 3:35 – 4:00 | Applications of Dual Energy in the Neck<br><i>Reza Forghani, MD, PhD</i>        |
| 4:00 – 4:25 | Perfusion Imaging<br>(DCE-CT and DCE-MR)<br><i>Yoshimi Anzai, MD, MPH</i>       |
| 4:25 – 4:50 | Diffusion Weighted Imaging in the<br>Head & Neck<br><i>Ashok Srinivasan, MD</i> |
| 4:50 – 5:15 | Advanced Vascular Imaging<br><i>Patrick A. Turski, MD, FACR</i>                 |
| <b>5:15</b> | <b>End of Session</b>   |

## Saturday, September 10, 2016

**6:45 – 7:15 AM**      **Breakfast and Learn  
How-To Session ♦**  
*Sponsored by McKesson Corp.*

### Session 13 SAM Session III - Cranial and Cervical Nerves

*Moderators: Michael R. Cathey, MD and  
Christopher P. Wood, MD*

7:30 – 7:55      Evaluation of the Patient with Diplopia  
*Ilona M. Schmalfuss, MD*

7:55 – 8:20      Evaluation of Facial Pain  
*David R. DeLone, MD*

8:20 – 8:45      Evaluation of Facial Weakness  
*Richard H. Wiggins, III, MD, CIIP, FSIIM*

8:45 – 9:10      Evaluation of Lower Cranial Nerve Palsy  
*Christine M. Glastonbury, MBBS*

9:10 – 9:35      Evaluation of Brachial Plexus  
Palsy/Plexitis  
*Roberta W. Dalley, MD*

**9:35 – 9:55**      **Refreshment Break and  
Visit Exhibitors**

### Session 14 Scientific Paper Session II ♦

9:55 – 11:10      **Moderators:**  
*Edward P. Quigley, III, MD, PhD and  
R. Thomas Bergeron, MD*

### Session 15 Sinonasal Imaging

*Moderators: Mark D. Hoffman, MD and Karen A. Tong, MD*

11:10 – 11:30      Sinonasal Anatomy  
*Michelle A. Michel, MD*

11:30 – 11:55      Adult Sinus Inflammatory Disease  
*Ashley Hawk Aiken, MD*

11:55 – 12:15 PM      Sinus Surgery and Postoperative  
Imaging  
*Vijay M. Rao, MD, FACR*

**12:15**      **End of Session**

## Saturday, September 10, 2016 (continued)

12:15 – 12:30      Award Announcements -  
Case of the Day, Exhibits and Oral  
Presentation ♦  
*Ilona M. Schmalfuss, MD*

12:30 – 1:00      ASHNR Annual Business Meeting  
(Members Only) ♦

### Session 16 Head & Neck Ultrasound; Head & Neck Biopsy Techniques

*Moderators: Amanda S. Corey, MD, FACR and  
Luke N. Ledbetter, MD*

1:00 – 1:25      Plenary Talk: Suprahyoid Ultrasound  
*Yolanda Y.P. Lee, MD*

1:25 – 1:50      Plenary Talk: Infrahyoid Ultrasound  
*Anil T. Ahuja, MBBS, MD, FRCR,  
FHKCR, FHKAM*

1:50 – 2:15      Head and Neck Biopsy:  
CT vs US vs MR Guidance  
*Laurie A. Loevner, MD*

**2:15**      **End of Session**

**2:30**      **Bus Transportation to the  
Smithsonian National  
Portrait Gallery Begins**

2:15 – 5:15      Hands-on US and US-Guided Biopsy  
Seminar ♦  
*(Separate Registration Required)*  
*Instructors: Salmaan Ahmed, MD,  
Beth Edeiken-Monroe, MD,  
Patricia A. Hudgins, MD, FACR, and  
Kim O. Learned, MD*

**7:00**      **Closing Gala at the Smithsonian  
National Portrait Gallery  
(Kogod Courtyard)**

Faculty & topics subject to change.

♦ Session not accredited for AMA PRA Category 1 Credit(s)<sup>™</sup>

\* This SAM session will be submitted for approval and is subject to change.

# Meeting Program Continued

## Sunday, September 11, 2016

**6:45 – 7:15 AM**      **Continental Breakfast for Registrants**

### **Session 17** **SAM Session IV - Skull, Mandible and Maxilla \***

*Moderators: Ari M. Blitz, MD and Gregory W. Petermann, MD*

|             |   |
|-------------|---|
| 7:15 – 7:40 | Dental Infections and Their Complications<br><i>Kristine M. Mosier, DMD, PhD</i>        |
| 7:40 – 8:05 | Non-Dental Head and Neck Emergencies<br><i>Justin Brucker, MD</i>                       |
| 8:05 – 8:30 | Odontogenic Lesions of Mandible and Maxilla<br><i>Lisa J. Koenig, BChD, DDS, MS</i>     |
| 8:30 – 8:55 | Skull Base and Vault: Osseous and Cartilaginous Lesions<br><i>Bruno A. Policeni, MD</i> |
| 8:55 – 9:20 | Imaging of Cosmetic Facial Implants and Grafts<br><i>Charles J. Schatz, MD, FACR</i>    |
| 9:20 – 9:45 | Postoperative Imaging of the Maxilla and Mandible<br><i>James J. Abrahams, MD</i>       |

**9:45 – 10:05**      **Refreshment Break and Visit Exhibitors**

## Sunday, September 11, 2016 (continued)

### **Session 18** **Pediatric Imaging**

*Moderators: Clifford J. Belden, MD and Bronwyn E. Hamilton, MD*

|                  |   |
|------------------|---|
| 10:05 – 10:30    | Craniosynostosis<br><i>Susan I. Blaser, MD, FRCP(C)</i>                               |
| 10:30 – 10:55    | Congenital Ocular, Orbital and Facial Abnormalities<br><i>Robert A. Zimmerman, MD</i> |
| 10:55 – 11:20    | Pediatric Sinus Inflammatory Disease<br><i>Larissa T. Bilaniuk, MD, FACR</i>          |
| 11:20 – 11:45    | Congenital Neck Masses<br><i>Amy Fan-Yee Juliano, MD</i>                              |
| 11:45 – 12:10 PM | Pediatric Neck Neoplasms<br><i>Karen K. Moeller, MD</i>                               |
| 12:10 – 12:15    | Closing Remarks<br><i>Lindell R. Gentry, MD, FACR</i>                                 |
| <b>12:15</b>     | <b>End of Meeting</b>   |

# Invited Faculty and Moderators

## INVITED FACULTY / MODERATORS

**James J. Abrahams, MD**  
Yale University School of Medicine

**Anil T. Ahuja, MBBS, MD, FRCR, FHKCR, FHKAM**  
The Chinese University of Hong Kong

**Ashley Hawk Aiken, MD**  
Emory University School of Medicine

**Yoshimi Anzai, MD, MPH**  
University of Utah Health Care

**Gregory Avey, MD**  
University of Wisconsin Medical School

**Lev Bangiyev, DO, DABR**  
Stony Brook University Hospital

**Mariah H. Bashir, MD**  
Loyola University Health System

**Kristen Lloyd Bagnon, MD**  
Emory University School of Medicine

**Clifford J. Belden, MD**  
Dartmouth-Hitchcock Medical Center

**Larissa T. Bilaniuk, MD, FACP**  
The Children's Hospital of Philadelphia

**Susan I. Blaser, MD, FRCP(C)**  
University of Toronto

**Ari M. Blitz, MD**  
Johns Hopkins Hospital

**Barton F. Branstetter, IV, MD**  
University of Pittsburgh Medical Center

**Justin Brucker, MD**  
University of Rochester Medical Center

**Raymond F. Carmody, MD, FACP**  
Banner University of Arizona Medical Center

**Michael R. Cathey, MD**  
Naval Medical Center San Diego

**Donald W. Chakeres, MD, FACP**  
The Ohio State University  
Wexner Medical Center

**Philip R. Chapman, MD**  
University of Alabama Birmingham

**Amanda S. Corey, MD, FACP**  
Emory University

**Rebecca S. Cornelius, MD, FACP**  
University of Cincinnati Medical Center

**Mary Elizabeth Cunnane, MD**  
Harvard Medical School

**Hugh D. Curtin, MD**  
Harvard Medical School

**Roberta W. Dalley, MD**  
University of Washington Medical Center

**H. Christian Davidson, MD**  
The University of Utah School of Medicine

**David R. DeLone, MD**  
Mayo Clinic

**Felix E. Diehn, MD**  
Mayo Clinic

**William P. Dillon, MD**  
UCSF Medical Center

**Girish M. Fatterpekar, MBBS, DNB, MD**  
NYU School of Medicine

**Nancy J. Fischbein, MD**  
Stanford University School of Medicine

**Reza Forghani, MD, PhD**  
Jewish General Hospital

**Lindell R. Gentry, MD, FACP**  
University of Wisconsin School of  
Medicine and Public Health

**Lawrence E. Ginsberg, MD**  
The University of Texas MD Anderson  
Cancer Center

**Christine M. Glastonbury, MBBS**  
University of California, San Francisco

**John L. Go, MD**  
Keck School of Medicine

**Julian Park Nam Goh, MBBS**  
Tan Tock Seng Hospital, Singapore

**Nandita Guha-Thakurta, MD**  
University of Texas MD Anderson Cancer Center

**Bronwyn E. Hamilton, MD**  
Oregon Health and Science University

**Greg Hartig, MD**  
University of Wisconsin

**Anton N. Hasso, MD, FACP**  
University of California, Irvine Medical Center

**Jenny K. Hoang, MBBS**  
Duke University Medical Center

**Mark D. Hoffman, MD**  
Southwest Diagnostic Imaging

**Roy A. Holliday, MD**  
New York Eye & Ear Infirmary

**Vikas Jain, MBBS**  
Case Western Reserve University

**Michele H. Johnson, MD**  
Yale University School of Medicine

**Amy Fan-Yee Juliano, MD**  
Harvard Medical School

**Edward E. Kassel, DDS, MD, FACP**  
University of Toronto

**Hillary R. Kelly, MD**  
Massachusetts General Hospital

**Tabassum A. Kennedy, MD**  
The University of Wisconsin Madison

**Claudia F.E. Kirsch, MD**  
The Ohio State University College of Medicine

**Bernadette L. Koch, MD**  
Cincinnati Children's Hospital

**Lisa J. Koenig, BChD, DDS, MS**  
Marquette University School of Dentistry

**Nicholas A. Koontz, MD**  
Indiana University School of Medicine

**John (Jack) I. Lane, MD**  
Mayo Clinic

**INVITED FACULTY / MODERATORS  
CONTINUED ON NEXT PAGE >>**

# Invited Faculty and Moderators Continued

## INVITED FACULTY / MODERATORS (CONTINUED)

**Joshua E. Lantos, MD**  
Weill Cornell Medical College

**Timothy L. Larson, MD**  
Swedish Medical Center

**Luke N. Ledbetter, MD**  
University of Kansas

**Yolanda Y.P. Lee, MD**  
The Chinese University of Hong Kong

**Laurie A. Loevner, MD**  
University of Pennsylvania Health System

**Mahmood F. Mafee, MD, FACP**  
University of California, San Diego

**Jane H. Maksimovic, DO**  
University of Illinois College of  
Medicine in Peoria

**Paul Manson, MD**  
Johns Hopkins University School of Medicine

**Peter H.B. McCreight, MD, FACP**  
Scripps Clinic Medical Group

**Daniel E. Meltzer, MD**  
Icahn School of Medicine  
Mount Sinai Health System

**Michelle A. Michel, MD**  
Medical College of Wisconsin

**Karen K. Moeller, MD**  
Kosair Children's Hospital

**Gul Moonis, MD**  
Columbia University Medical Center

**Andreea G. Moore, MD**  
University of Michigan

**Robert E. Morales, MD**  
University of Maryland School of Medicine

**Kristine M. Mosier, DMD, PhD**  
Indiana University School of Medicine

**Suresh K. Mukherji, MD, MBA, FACP**  
Michigan State University

**Sara R. Nace, MD**  
St. Paul Radiology

**Gregory W. Petermann, MD**  
Marshfield Clinic

**C. Douglas Phillips, MD, FACP**  
Weill Cornell Medical College

**Bruno A. Policeni, MD**  
University of Iowa Hospital and Clinics

**Vijay M. Rao, MD, FACP**  
Thomas Jefferson University Hospital

**Deborah L. Reede, MD**  
SUNY Downstate Medical Center

**Caroline D. Robson, MB, ChB**  
Harvard Medical School

**Osamu Sakai, MD, PhD**  
Boston Medical Center

**Karen L. Salzman, MD**  
University of Utah School of Medicine

**Charles J. Schatz, MD, FACP**  
Beverly Tower Wilshire Advanced Imaging

**Ilona M. Schmalfuss, MD**  
University of Florida School of Medicine

**Ali R. Sepahdari, MD**  
University of California Los Angeles

**Deborah R. Shatzkes, MD**  
Lenox Hill Hospital

**Keivan Shifteh, MD**  
Albert Einstein College of Medicine

**Wendy R.K. Smoker, MS, MD, FACP**  
The University of Iowa Hospitals and Clinics

**Peter M. Som, MD, FACP, FRSM**  
Ichan School of Medicine at Mount Sinai

**Ashok Srinivasan, MD**  
University of Michigan Health System

**Hilda E. Stambuk, MD**  
Weill Cornell Medical College

**Jared M. Steinklein, MD**  
Lenox Hill Hospital

**Joel D. Swartz, MD**  
Germantown Imaging Associates

**Lawrence N. Tanenbaum, MD, FACP**  
RadNet, Inc.

**Karen A. Tong, MD**  
Loma Linda University Medical Center

**Raymond K. Tu, MD, MS, FACP**  
The George Washington University

**Patrick A. Turski, MD, FACP**  
University of Wisconsin School of  
Medicine and Public Health

**Steven M. Weindling, MD**  
Mayo Clinic - Florida

**Richard H. Wiggins, III, MD, CIIP, FSIIM**  
University of Utah Health Sciences Center

**Daniel W. Williams, III, MD**  
Wake Forest School of Medicine

**Christopher P. Wood, MD**  
Mayo Clinic

**Robert A. Zimmerman, MD**  
The Children's Hospital of Philadelphia

## MODERATORS / PRESENTERS UNACCREDITED SESSIONS:

**Joseph M. Aulino, MD**

**R. Thomas Bergeron, MD**

**R. Nick Bryan, MD, PhD, FACP**

**Daniel H. Johnson, Jr., MD, FACP**

**Edward P. Quigley, III, MD, PhD**

## CASE-OF-THE-DAY PRESENTERS:

**Daniel J. Boulter, MD**

**Asim F. Choudhri, MD**

**Anna Derman, MD**

**Amish H. Doshi, MD**

**Marinos Kontzialis, MD**

**Nicholas A. Koontz, MD**

**Vinh T. Nguyen, MD**

**Kwaku K. Obeng, MD**

**Maria P. Valencia-Velez, MD**

## 2015 HANAFEE RESEARCH GRANT AWARD PRESENTER:

**Andreea G. Moore, MD**  
University of Michigan

# Registration Information

50<sup>th</sup> Annual Meeting

## American Society of Head & Neck Radiology

ASHNR16

A late fee of \$75 will be added to any registration postmarked after **August 8, 2016**.

### ASHNR Member

☐ \$625.<sup>00</sup>

### Non-ASHNR Member

☐ \$825.<sup>00</sup>

### Members-in-Training

☐ \$350.<sup>00</sup>

☐ Resident ☐ Fellow ☐ Medical Student

### Other

☐ \$400.<sup>00</sup>

☐ Technologist ☐ Physician Assistant ☐ Military ☐ Retired

### Retired ASHNR Member

☐ Free

### Hands-on US and US-Guided Biopsy Seminar

☐ \$60.<sup>00</sup>

Saturday, September 10, 2016

Separate Registration Required Registration is Limited to 20 Attendees Per Session  
(Not accredited for AMA PRA Category 1 Credit(s)<sup>TM</sup>)

### Please Select The Time You Wish To Attend:

- ☐ SESSION 1: 2:15 PM - 3:15 PM  
☐ SESSION 2: 3:15 PM - 4:15 PM  
☐ SESSION 3: 4:15 PM - 5:15 PM

☐ Yes, I plan to attend the Opening Reception  
Wednesday, September 7, 2016

☐ Yes, I plan to attend the Gold Medal Award Luncheon  
Friday, September 9, 2016 (You Must RSVP to attend, seating is limited.)  
**(Free for ASHNR members; ☐ \$35 for Non-Members)**  
☐ Vegetarian Option

☐ Yes, I plan to attend the ASHNR Annual Business Meeting (MEMBERS ONLY)  
Saturday, September 10, 2016 - Please select one (1) boxed lunch option:  
☐ Smoked Turkey ☐ Roast Beef ☐ Grilled Vegetable with Arugula Wrap on Spinach Tortilla

☐ Yes, I plan to attend the Saturday afternoon at the Smithsonian National Portrait Gallery

☐ Yes, I plan to attend the the Gala at the Kogod Courtyard (Smithsonian National Portrait Gallery)  
Saturday, September 10, 2016  
(Free for attendees; \$70 for guests/spouses)

☐ Guest/Spouse Gala Fee

☐ \$70.<sup>00</sup>

Guest Name \_\_\_\_\_

**TOTAL ENCLOSED: \$** \_\_\_\_\_

## 4 Easy Ways To Register

We Accept



**INTERNET**  
[www.ASHNR.org](http://www.ASHNR.org)

### MAIL

Check payable to:  
ASHNR

c/o Educational Symposia  
5620 West Sligh Avenue  
Tampa, Florida  
33634-4490

### FAX

(800) 344-0668  
(U.S. & Canada)  
(813) 806-1001

### PHONE

(800) 338-5901  
(U.S. & Canada)  
(813) 806-1000

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|---|--|
| Name  | Degree <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> DDS <input type="checkbox"/> DMD <input type="checkbox"/> Ph.D. <input type="checkbox"/> Other   |
| Company / Institution   | Specialty: <input type="checkbox"/> Neuroradiology <input type="checkbox"/> Otolaryngology <input type="checkbox"/> Radiation <input type="checkbox"/> Oncology <input type="checkbox"/> Maxillofacial Radiology <input type="checkbox"/> Dentistry <input type="checkbox"/> Other |
| Address   | City / State / Zip Code / Country  |
| Phone   | Email  |
| Card Number / Card Type: <input type="checkbox"/> Master Card <input type="checkbox"/> Visa <input type="checkbox"/> American Express <input type="checkbox"/> Discover | Expiration Date Security Code  |
| Billing Address   | City / State / Zip Code / Country  |
| Cardholder Signature  |  |

**Cancellations:** Requests for refund of registration fees, less a \$75.00 administrative fee, will be made to those providing written notification of cancellation by August 8, 2016. After that date, there will be no refunds given for cancellations. Please email notice of cancellation to: [lsessa@edusymp.com](mailto:lsessa@edusymp.com) or fax to 800-344-0668.

## Hyatt Regency Washington on Capitol Hill

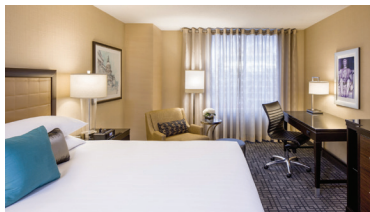
### ABOUT THE HOTEL

Discover our historic city from Hyatt Regency Washington on Capitol Hill. Enjoy easy access to all the attractions of our nation's capitol from the ideal location in the heart of this popular downtown neighborhood. Walk to the Smithsonian Museums and the National Mall, tour government centers, visit monuments and museums, cheer on the Nationals or the Capitals - all just minutes from the Capitol Hill hotel.

Within the inviting accommodations, you'll find gracious service, deluxe amenities, extensive business facilities - among the largest in the city - plush Grand Beds<sup>TM</sup> and tempting dining.

### HOW TO GET THERE

Fly directly to Ronald Reagan International Airport, located just 20 minutes southwest of Hyatt Regency Washington on Capitol Hill. Daily non-stop flights are available for major national and international carriers



**SPACE IS LIMITED - RESERVE TODAY:** Call Central Reservations at: (800) 233-1234 and identify yourself as a registrant of "ASHNR" to receive the group discount or book online or book online at: <https://resweb.passkey.com/go/HeadandNeckRadiology>

**Group Room Rates Start At..... \$194.00/nt.**  
(Single/Double Occupancy)

There is a \$25 per additional person charge over double occupancy (maximum occupancy is 4 persons per room). Children under eighteen (18) stay free in the same room with parents.

Room Preference:  
King bed/Two queen beds - Smoke Free Property

**HOTEL CUT-OFF DATE: AUGUST 16, 2016** - Group rates 3 days prior/post - space available basis.

**HOTEL TAX:** 14.5%

**RESORT FEE:** Waived

**DEPOSIT POLICY:** All reservations require a deposit of one (1) night's room and tax at the time of booking a reservation.

**CANCELLATION POLICY:** Guarantee/Deposit will not be refunded unless the reservation is canceled more than 48 hours prior to arrival. Check-in time is: 3:00 PM; check-out time is: 12:00 PM.

**HOTEL:** 400 New Jersey Avenue, NW  
Washington, D.C., 20001

**PH:** (202) 737-1234

**AMERICAN SOCIETY OF  
HEAD & NECK RADIOLOGY**

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**ASHNR**  
*51<sup>st</sup> Annual Meeting*

**FALL 2017**  
Las Vegas, Nevada



Call for Abstracts at [www.ashnr.org](http://www.ashnr.org)  
Deadline: May 15, 2016

American Society of

# Head & Neck Radiology

Comprehensive Head and Neck Imaging:  
50 Years of Progress

**September 7 - 11, 2016**

Hyatt Regency Washington on Capitol Hill • Washington, D.C.

29.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>

Four sessions of the meeting program  
will be submitted for SAM qualification.