53rd Annual Meeting | American Society of

Head & Neck Radiology

Head and Neck Imaging in the Valley of the Sun

October 2 - 6, 2019
The Westin Kierland Resort & Spa
Scottsdale, Arizona

28.75 AMA PRA Category 1 Credit(s)™
8.75 hours will be submitted for SAM qualification.

Call for Abstracts at www.ashnr.org • Deadline: June 2, 2019
From The President-Elect and Program Chair

On behalf of the American Society of Head and Neck Radiology I'm delighted to welcome you to the 53rd Annual Meeting of the ASHNR, which will be held in Scottsdale, Arizona from Wednesday, October 2 – Sunday, October 6, 2019. **Head and Neck Imaging in the Valley of the Sun** will kick off with the Early Bird Session on Wednesday morning titled *Errors are Opportunities: Mistakes, Misses & Difficult Diagnoses*. A theme of mentoring will be emphasized in this opening session, reprised in the popular “Pearl from My Mentor” presentations, and discussed in detail during a Mentoring Meal, to be held during the meeting for trainees and faculty who have newly embarked on their careers.

Lectures will incorporate basic core and advanced, specialized topics on a wide variety of head and neck imaging topics, including applied anatomy and disease processes involving the orbits, sinonasal regions, skull base, temporal bones, lymph nodes & glands, H & N spaces, teeth and jaws. There will also be a new session on Artificial Intelligence. In total there will be 28.75 AMA PRA Category 1 Credit(s)™ and 5 SAM sessions, with talks from approximately 80 talented speakers, considered experts in their field, including 10 rising stars whom we warmly welcome to the ASHNR meeting podium.

The beautiful and tranquil Westin Kierland Resort & Spa, located near the McDowell Mountains in Scottsdale, with panoramic views of surrounding mountains, celebrates the rich legacy of Arizona. Accessible from major cities by direct flights to Phoenix, the resort is located about 20 miles from the airport. Resort features include a world class Golf Club, the Agave Spa, a 24 hour fitness studio, swimming pools, tennis courts, bike rentals, babysitting services, a kids club and several excellent restaurants. Cats and dogs are also welcome! Abundant dining, retail and entertainment options are located within walking distance. Scottsdale and nearby Phoenix offer a wealth of activities including innumerable great hiking trails, hot air ballooning, OdySea Aquarium, Butterfly Wonderland, Desert Botanical Garden, and a variety of museums and art galleries.

In closing, I am honored to invite you to attend the 53rd Annual ASHNR meeting for abundant excellent educational opportunities, to reconnect with and make new friends and to enjoy the gorgeous Valley of the Sun.

Caroline D. Robson, MBChB
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 28.75 AMA PRA Category 1 Credit(s)™, including 1.5 AMA PRA Category 1 Credit(s)™ for the Early Bird 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 or call (813) 806-1000 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 neuroradiology training or an interest in head and neck imaging who wish to increase their knowledge of imaging and treatment of head and neck pathology.
- Non-radiologists, including otorhinolaryngologists, head and neck surgeons, medical and radiation oncologists, and general surgeons, who are interested in head and neck cancer therapy and diagnosis.
- Dental and oral-maxillofacial practitioners with an interest in pathology and imaging of the jaws and adjacent tissues.
- Allied health professionals, including physician assistants, nurses, nurse practitioners and radiology technologists with an interest in head and neck cancer or head and neck imaging.
- Physicians-in-training, residents and fellows pursuing careers in radiology, otolaryngology, maxillofacial surgery and treatment of head and neck cancer.
### Educational Objectives

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

- Recognize sources of error in head and neck imaging and develop strategies for error prevention.
- Become familiar with applied anatomy and diseases of the orbits, sinuses and nasal cavity while providing important preoperative information.
- Review normal anatomy, developmental anomalies and disease processes of the skull base.
- Identify temporal bone anatomy and develop a diagnostic approach to different types of hearing loss, inflammatory and neoplastic disorders and the post-operative temporal bone.
- Assess anatomy and abnormality in relation to cranial nerves, the brachial plexus and sympathetic chain while also recognizing denervation atrophy.
- Develop an understanding of artificial intelligence.
- Demonstrate increased knowledge of the anatomy of the head and neck spaces and diagnostic considerations for each space.
- Recognize atraumatic emergencies related to the pediatric and adult airway, neck infections, the temporal bone and orbit.
- Diagnose and distinguish between vascular anomalies, developmental lesions and malignant pediatric head and neck tumors.
- Review cancer staging, different etiologies and anatomic locations of head and neck cancer, perineural tumor spread, advanced imaging techniques and post therapeutic imaging.
- Identify normal anatomy and disease affecting the nodal and glandular tissues of the neck.
- Develop an approach to jaw lesions, dental nomenclature and temporomandibular joint imaging.
- Describe the various types of traumatic injury in the head and neck, associated complications, and the use of 3D computer generated imagery models in the assessment of trauma.

No special educational preparation is required for this CME activity.

### CALL FOR ABSTRACTS

CALL FOR ABSTRACTS for both Oral Scientific Papers and Electronic Educational Exhibits, including information, instructions and forms, are available on our website www.ashnr.org. Deadline for submissions is Sunday, June 2, 2019.

### Special Note for the Disabled

Educational Symposia (ESI) and the American Society of Head & Neck Radiology (ASHNR) 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 (813) 806-1000.

### Disclaimer

Educational Symposia (ESI) and the American Society of Head & Neck Radiology (ASHNR) 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.

### 2018-2019 Program Committee

<table>
<thead>
<tr>
<th>Caroline D. Robson, MBChB</th>
</tr>
</thead>
<tbody>
<tr>
<td>President-Elect and Program Chair</td>
</tr>
<tr>
<td>Ashley H. Alken, MD</td>
</tr>
<tr>
<td>Nancy J. Fischbein, MD</td>
</tr>
<tr>
<td>Christine M. Glastonbury, MBBS</td>
</tr>
<tr>
<td>Tabassum A. Kennedy, MD</td>
</tr>
<tr>
<td>C. Douglas Phillips, MD, FACR</td>
</tr>
<tr>
<td>Ilona M. Schmalfuss, MD</td>
</tr>
<tr>
<td>Deborah R. Shatzkes, MD</td>
</tr>
<tr>
<td>Ashok Srinivasan, MD</td>
</tr>
</tbody>
</table>

### 2018-2019 Executive Committee

<table>
<thead>
<tr>
<th>Deborah R. Shatzkes, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
</tr>
<tr>
<td>Caroline Robson, MBChB</td>
</tr>
<tr>
<td>President-Elect</td>
</tr>
<tr>
<td>Ilona M. Schmalfuss, MD</td>
</tr>
<tr>
<td>Vice-President</td>
</tr>
<tr>
<td>Nancy J. Fischbein, MD</td>
</tr>
<tr>
<td>Treasurer</td>
</tr>
<tr>
<td>Ashok Srinivasan, MD</td>
</tr>
<tr>
<td>Secretary</td>
</tr>
<tr>
<td>Philip R. Chapman, MD</td>
</tr>
<tr>
<td>Senior Member-at-Large</td>
</tr>
<tr>
<td>Kristen Lloyd Baugnon, MD</td>
</tr>
<tr>
<td>Junior Member-at-Large</td>
</tr>
<tr>
<td>John I. Lane, MD</td>
</tr>
<tr>
<td>Rules Committee Chair</td>
</tr>
<tr>
<td>Kristine M. Mosier, DMD, PhD</td>
</tr>
<tr>
<td>Education Committee Chair</td>
</tr>
<tr>
<td>Christine M. Glastonbury, MBBS</td>
</tr>
<tr>
<td>Education Committee Vice-Chair</td>
</tr>
<tr>
<td>Rebecca S. Cornelius, MD, FACR</td>
</tr>
<tr>
<td>Immediate Past President</td>
</tr>
<tr>
<td>Richard H. Wiggins, III, MD, CIIP, FSIIM</td>
</tr>
<tr>
<td>ACR Councilor</td>
</tr>
</tbody>
</table>

### Errors are Opportunities: Mistakes, Misses & Difficult Diagnoses

**Wednesday, October 2, 2019**

10:30 AM – 12:00 PM

Please join us for the Errors are Opportunities: Mistakes, Misses and Difficult Diagnoses Early Bird Session (1.5 AMA PRA Category 1 Credits (s)™) which will be an opportunity for registrants to show cases. Please email your PowerPoint presentation with anonymized cases, free of any patient identifiers, to caroline.robson@childrens.harvard.edu. While a limited number of cases may additionally be accepted in person up to 15 minutes before the session starts, priority will be given to those submitted via email in advance. 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 2 cases to allow as many attendees as possible to participate.

### Pearl From My Mentor

Honor a mentor by preparing a PowerPoint presentation (duration ≤5 minutes) that includes a “pearl” that you were taught, with an illustrative example, together with your mentor’s name and photograph. Please email presentations to caroline.robson@childrens.harvard.edu.
### Thursday, October 3, 2019 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 10:15 – 10:35 | Cranial Nerves III, IV, VI  
Ari M. Blitz, MD |
| 10:35 – 10:55 | Cranial Nerve V  
Christine M. Glastonbury, MBBS, MD |
| 10:55 – 11:15 | Cranial Nerve VII  
Courtney M. Tomlinson, MD |
| 11:15 – 11:35 | Cranial Nerve VIII  
John L. Go, MD, FACR |
| 11:35 – 11:55 | Cranial Nerves IX – XI  
Bruno A. Poli, MD, MBA |
| 11:55 – 12:10 PM | Cranial Nerve XII  
Cynthia Wu, MD |
| 12:10 – 12:15 | Pearl From My Mentor  
Konrad G. Tarko, MD |
| 12:15 – 1:15 | Lunch On Your Own |

### Session 6 - Cranial, Cervical & Mediastinal Nerves

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 1:15 – 1:30 | Denervation Atrophy  
Wendy R.K. Smoker, MS, MD, FACR |
| 1:30 – 1:50 | Brachial Plexus MRI  
Carlos H. Torres, MD, FRCP |
| 1:50 – 2:10 | Horner Syndrome  
Deborah L. Reede, MD |
| 2:10 – 3:10 | Scientific Paper Session I  
Moderators: Laura B. Eisenmenger, MD and Osamu Sakai, MD, PhD |
| 3:10 – 3:30 | Refreshment Break and Visit Exhibitors |

### Session 7 - Artificial Intelligence & Error Prevention

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 3:30 – 3:50 | Fallor Ergo Sum: Misadventures in Head & Neck Imaging  
Richard H. Wiggins, III, MD, CBIP, FSII AM |
| 3:50 – 4:10 | Missed Cases  
Philip R. Chapman, MD |
| 4:10 – 4:30 | Machine Learning: Random Forest, Random Tree  
Alok Sinivasan, MD |
| 4:30 – 4:50 | Deep Learning & Advanced Imaging of Skull Base Tumors  
Atul K. Mallik, MD |
| 4:50 – 5:05 | Augmented Reality: Educational & Clinical Applications in Skull Base Imaging  
Jesse Courtier, MD |
| 5:05 – 6:00 | Dinner |

### Session 8 - The ASHNR Game Show

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 5:05 – 6:00 | Hosts: Lawrence E. Ginsberg, MD, C. Douglas Phillips, MD, FACR  
and Richard H. Wiggins, III, MD, CBIP, FSII AM |
| 6:00 | End of Session |

### Friday, October 4, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 – 7:45 AM</td>
<td>Continental Breakfast for Registrants</td>
</tr>
</tbody>
</table>

### Session 9 - Sam Session II - Core Curriculum / Head & Neck Spaces*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 7:45 – 8:00 | Retropharyngeal & Danger Space  
Mah Hagiwara, MD |
| 8:00 – 8:15 | Carotid & Parapharyngeal Spaces  
Rebecca S. Cornelius, MD, FACR |
| 8:15 – 8:30 | Masticator Space  
Daniel E. Metzler, MD |
| 8:30 – 8:50 | Oral Cavity  
Rihan Khan, MD |
| 8:50 – 9:10 | Larynx & Hypopharynx  
Bronwyn E. Hamilton, MD |
| 9:10 – 9:30 | Refreshment Break and Visit Exhibitors |
**Friday, October 4, 2019 (continued)**

<table>
<thead>
<tr>
<th>Session 10 - Head &amp; Neck Top 5: Non-Traumatic Emergencies</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9:30 – 9:50</strong> Top 5 Emergencies: Pediatric Airway</td>
<td>Timothy N. Booth, MD</td>
</tr>
<tr>
<td><strong>9:50 – 10:10</strong> Top 5 Emergencies: Adult Airway</td>
<td>Karen A. Tong, MD</td>
</tr>
<tr>
<td><strong>10:10 – 10:30</strong> Top 5 Emergencies: Neck Infection</td>
<td>Hillary R. Kelly, MD</td>
</tr>
<tr>
<td><strong>10:30 – 10:50</strong> Top 5 Emergencies: Temporal Bone</td>
<td>Nicholas A. Koontz, MD</td>
</tr>
<tr>
<td><strong>10:50 – 11:10</strong> Top 5 Emergencies: Orbit</td>
<td>Blair A. Winegar, MD</td>
</tr>
<tr>
<td><strong>11:10 – 11:15</strong> Pearl From My Mentor ♦</td>
<td></td>
</tr>
<tr>
<td><strong>11:15 – 11:25</strong> 2018 William N. Hanafee, MD Research Grant Award Presentation ♦</td>
<td></td>
</tr>
<tr>
<td><strong>11:25 – 12:25 PM</strong> Scientific Paper Session II ♦</td>
<td></td>
</tr>
<tr>
<td><strong>12:30 – 1:30</strong> Gold Medal Award Luncheon ♦</td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon On Your Own</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Saturday, October 5, 2019**

<table>
<thead>
<tr>
<th>Session 11 - SAM Session III - Vascular Anomalies, Developmental &amp; Neoplastic Lesions*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7:45 – 8:05</strong> Hemangioma, PHACES &amp; Overgrowth Syndromes</td>
<td>Mark D. Mannick, MD</td>
</tr>
<tr>
<td><strong>8:05 – 8:30</strong> Vascular Malformations</td>
<td>Deborah R. Shaltess, MD</td>
</tr>
<tr>
<td><strong>8:30 – 8:50</strong> Benign Lesions of the Head &amp; Neck</td>
<td>Bernadette L. Kuo, MD</td>
</tr>
<tr>
<td><strong>8:50 – 9:10</strong> Malignant Tumors of the Pediatric Head &amp; Neck</td>
<td>Karen K. Moeller, MD</td>
</tr>
<tr>
<td><strong>9:10 – 9:15</strong> Pearl From My Mentor ♦</td>
<td></td>
</tr>
<tr>
<td><strong>9:15 – 9:35</strong> Refreshment Break and Visit Exhibitors</td>
<td></td>
</tr>
</tbody>
</table>

**Session 12 - Cancer Workshop 1**

<table>
<thead>
<tr>
<th>Moderators: Narinder Guha-Thakurta, MD and Charles J. Schatz, MD, FACP</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3:35 – 3:55</strong> Pediatric Salivary Disease &amp; Neoplasia</td>
<td>Asha Sarma, MD</td>
</tr>
<tr>
<td><strong>3:55 – 4:15</strong> Adult Salivary Disease &amp; Neoplasia</td>
<td>Barry A. Shpizer, MD</td>
</tr>
<tr>
<td><strong>4:15 – 4:35</strong> Incidental Thyroid Nodule &amp; Thyroid Cancer</td>
<td>Yoshimi Ariz, MD, MPH</td>
</tr>
<tr>
<td><strong>4:35 – 4:55</strong> Parathyroid Gland Imaging</td>
<td>C. Douglas Phillips, MD, FACP</td>
</tr>
<tr>
<td><strong>4:55 – 5:15</strong> Nodal Nomenclature</td>
<td>Peter M. Slop, MD, FACP, FRS</td>
</tr>
<tr>
<td><strong>5:15 – 5:35</strong> Approach to Pediatric Lymphadenopathy</td>
<td>Jennifer A. Vaughn, MD</td>
</tr>
<tr>
<td><strong>5:35</strong> End of Session</td>
<td></td>
</tr>
<tr>
<td><strong>5:35 – 5:40</strong> Awards Presentations: Scientific Abstracts and Case-of-the-Day Winners ♦</td>
<td></td>
</tr>
<tr>
<td><strong>5:40 – 6:10</strong> Annual Business Meeting (ASHNR Members Only) ♦</td>
<td></td>
</tr>
<tr>
<td><strong>7:00</strong> Gala at Marshall’s Outpost Pavilion</td>
<td></td>
</tr>
</tbody>
</table>

**Sunday, October 6, 2019**

**Session 15 - SAM Session IV - Jaws* |  |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7:45 – 8:05</strong> Pediatric Jaw Lesions</td>
<td>Mai-Lan Ho, MD</td>
</tr>
<tr>
<td><strong>8:05 – 8:25</strong> Odontogenic Jaw Lesions</td>
<td>Kristine M. Mosier, DMD, PhD</td>
</tr>
<tr>
<td><strong>8:25 – 8:45</strong> Non-Odontogenic Jaw Lesions</td>
<td>Remy R. Lobos, MD</td>
</tr>
<tr>
<td><strong>8:45 – 9:05</strong> Dental Nomenclature &amp; Dental Implants Demystified</td>
<td>Dana F. Temnani, BDS, DMS</td>
</tr>
<tr>
<td><strong>9:05 – 9:25</strong> TMJ Imaging for Head &amp; Neck Radiologists</td>
<td>Blyuyi K. Pramanik, MD</td>
</tr>
<tr>
<td><strong>9:25 – 9:40</strong> Refreshment Break</td>
<td></td>
</tr>
</tbody>
</table>

**Session 16 - SAM Session V - Core Curriculum/Trauma* |  |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9:40 – 10:00</strong> Facial Fractures</td>
<td>Barton F. Bransfield, IV, MD, FACP</td>
</tr>
<tr>
<td><strong>10:00 – 10:20</strong> 3D Computer Generated Imagery Models and Trauma</td>
<td>Edward P. Quigley, III, MD, PhD</td>
</tr>
<tr>
<td><strong>10:20 – 10:40</strong> Temporal Bone Trauma</td>
<td>Daniel W. Williams, III, MD</td>
</tr>
<tr>
<td><strong>10:40 – 11:00</strong> Iatrogenic Trauma</td>
<td>Elliott Friedman, MD</td>
</tr>
<tr>
<td><strong>11:00 – 11:20</strong> Vascular Complications of Trauma</td>
<td>Joshua E. Lantos, MD</td>
</tr>
<tr>
<td><strong>11:20 – 11:30</strong> Closing Remarks</td>
<td>Caroline D. Robson, MBChB</td>
</tr>
<tr>
<td><strong>11:30</strong> End of Meeting</td>
<td></td>
</tr>
</tbody>
</table>
INVITED FACULTY / MODERATORS

Amit Agarwal, MD
UT Southwestern Medical Center

Mohit Agarwal, MD
Medical College of Wisconsin

Salmaan Ahmed, MD
UT MD Anderson Cancer Center

Ashley H. Aiken, MD
Emory University School of Medicine

Anthony M. Alleman, MD, MPH
University of Oklahoma Health Sciences Center

Yoshimi Anzai, MD, MPH
University of Utah Health Care

Joseph M. Aulino, MD
Vanderbilt University Medical Center

Gregory D. Avey, MD
University of Wisconsin Medical School

Kristen Lloyd Baugnon, MD
Emory University School of Medicine

Alok A. Bhatt, MD
Mayo Clinic

Larissa T. Bilaniuk, MD, FACR
The Children’s Hospital of Philadelphia

Susan I. Blaser, MD, FRCP(C)
The Hospital for Sick Children

Ari M. Blitz, MD
Johns Hopkins Hospital

Timothy N. Booth, MD
University of Texas Southwestern Medical Center

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

Justin Brucker, MD
University of Wisconsin School of Medicine and Public Health

Philip R. Chapman, MD
University of Alabama Birmingham

Asim F. Choudhri, MD
University of Tennessee Health Science Center

Amanda S. Corey, MD, FACR
Emory University

Rebecca S. Cornellius, MD, FACR
University of Cincinnati College of Medicine

Jesse Courtier, MD
University of California, San Francisco

Mary E. Cunnane, MD
Harvard Medical School

Joel K. Cure, MD
University of Alabama at Birmingham

Hugh D. Curtin, MD, FACR
Harvard Medical School

Robert W. Dalley, MD
University of Washington Medical Center

David R. DeLone, MD
Mayo Clinic

William P. Dillon, MD
University of California, San Francisco

Laura B. Eisenmenger, MD
University of Wisconsin, Madison

Nikodkot Farid, MD
University of California, San Diego

Girish M. Fatterpekar, MBBS, DNB, MD
NYU Langone Medical Center

Nancy J. Fischbein, MD
Stanford University School of Medicine

Reza Forghani, MD, PhD
McGill University

Elliott Friedman, MD
University of Texas Health Science Center at Houston

Lindell R. Gentry, MD, FACR
Retired - University of Wisconsin

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, FACR
University of Southern California

Jeffrey P. Guenette, MD
Harvard Medical School

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

Mari Hagiwara, MD
New York University Langone Medical Center

Bronwyn E. Hamilton, MD
Oregon Health & Science University

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

Mai-Lan Ho, MD
Nationwide Children’s Hospital

Joseph M. Hoxworth, MD
Mayo Clinic

Benjamin Y. Huang, MD, MPH
University of North Carolina

Patricia A. Hudgins, MD, FACR
Emory University School of Medicine

Vikas Jain, MBBS
Case Western Reserve University

Amy Fan-Yee Juliano, MD
Harvard Medical School

Peter Kalina, MD, MBA, FACR
Mayo Clinic

Edward E. Kassel, DDS, MD, FACR
University of Toronto

Hillary R. Kelly, MD
Harvard Medical School

Tabassum A. Kennedy, MD
The University of Wisconsin Madison

Rihan Khan, MD
Dartmouth Hitchcock

Claudia F.E. Kirsch, MD
Zucker Hofstra School of Medicine at Northwell

Bernadette L. Koch, MD
University of Cincinnati College of Medicine

Nicholas A. Koontz, MD
Indiana University School of Medicine

John I. Lane, MD
Mayo Clinic

Joshua E. Lantos, MD
Well Cornell Medical College

New York Presbyterian Hospital

Kim O. Leamed, MD
MD Anderson Cancer Center

Luke N. Ledbetter, MD
University of Kansas

Remy R. Lobo, MD
University of Michigan

Laurie A. Loevner, MD
University of Pennsylvania Health System

Atul K. Mallik, MD
Loyola University Medical Center

Mark D. Mamlouk, MD
University of California, San Francisco

Jennifer L. McCarty, MD
University of Texas Health Services Center at Houston

Daniel E. Meltzer, MD
Icahn School of Medicine Mount Sinai West

Karen K. Moeller, MD
Norton Children’s Hospital

Gul Moonis, MBBS
Columbia University Medical Center

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

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

Suguo Mukherjee, MD
University of Virginia Health System

Suresh K. Mukherji, MD, MBA, FACR
Michigan State University Health Team

C. Douglas Phillips, MD, FACR
Weill Cornell Medical College

NewYork-Presbyterian Hospital

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

Bidyut K. Pramanik, MD
Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Edward P. Quigley, III, MD, PhD
University of Utah

Rupa Radhakrishnan, MD, MBBS, MS
Indiana University School of Medicine

Vijay M. Rao, MD, FACR
Jefferson Health

Tanya J. Rath, MD
Mayo Clinic

Deborah L. Reede, MD
SUNY NYS Downstate Medical Center

Katherine L. Reinschagen, MD
Harvard Medical School

Caroline D. Robson, MBChB
Boston Children’s Hospital

Osamu Sakai, MD, PhD
Boston University Medical Center

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

Asa Sarma, MD
Vanderbilt University

Charles J. Schatz, MD, FACR
Beverly Tower Wilshire Advanced Imaging

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

Ali R. Sepahdari, MD
Scripps Clinic Medical Group

Deborah R. Shatzkes, MD
Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Karuna V. Shekdar, MD
The Children’s Hospital of Philadelphia

Keivan Shifteh, MD, FACR
Montefiore Medical Center

Barry A. Shipzner, MD
Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

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

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

Ashok Srinivasan, MD
University of Michigan

Hilda E. Stambuk, MD
Weill Cornell Medical College

Joel D. Swartz, MD
Germantown Imaging Associates

Dania F. Tamimi, BDS, DMSc
Private Practice

Courtney M. Tomblinson, MD
Vanderbilt University Medical Center

Karen A. Tong, MD
Loma Linda University Medical Center

Carlos H. Torres, MD, FRCPC
University of Ottawa

Jennifer A. Vaughn, MD
Phoenix Children’s Hospital

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

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

Blair A. Winegar, MD
University of Arizona Health Sciences

Cynthia Wu, MD
Emory University School of Medicine

Eugene Yu, MD, FRCP
Princess Margaret Cancer Centre

University of Toronto

Elcin Zan, MD
NYU Langone Health

CASE-OF-THE-DAY PRESENTERS:

Jay Acharya, MD
Paul M. Bunch, MD
Camilo Jaimez Cobos, MD
Laura B. Eisenmenger, MD
Jacqueline C. Junn, MD
Eric Liau, MD
Jennifer Sommerville, MBBS
Anouk Van der Hoorne, MD
Vivek Yadavalli, MD

2018 WILLIAM N. HANAFEE, MD RESEARCH GRANT AWARD RECIPIENT:

Mai-Lan Ho, MD

Faculty & topics subject to change.
Registration Information

53rd Annual Meeting
American Society of Head & Neck Radiology

A late fee of $75 will be added to any registration postmarked after August 23, 2019.

ASHNR Member                $625.00
Non-ASHNR Member             $825.00
Members-in-Training          $1350.00

Other                       $1400.00
Technologist                Free
Physician Assistant          Free
Military                     Free
Retired ASHNR Member         Free
International Attendees     Free
(outside of North America)

Yes, I plan to attend the Opening Reception • Wednesday, October 2, 2019
Yes, I plan to attend the Gold Medal Award Luncheon • Friday, October 4, 2019
Yes, I plan to attend the Gala at Marshall’s Outpost Pavilion • Saturday, October 5, 2019
Yes, I plan to attend the Gold Medal Award Luncheon • Friday, October 4, 2019
(You must RSVP to attend, seating is limited.)
Yes, I plan to attend the Opening Reception • Wednesday, October 2, 2019
Yes, I plan to attend the Opening Reception • Wednesday, October 2, 2019

INTERNET
www.ASHNR.org

MAIL
Check payable to:     ASHNR
813-806-1001
Tampa, Florida
33614-4490

FAX
PHONE
(813) 806-1000

Check payable to:  ASHNR

MAIL
(813) 806-1001
Tampa, Florida
33614-4490

Fax (813) 806-1000

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 23, 2019. After this date, there will be no refunds given for cancellations. Please email notice of cancellation to: cancel@edusymp.com or fax to 813-806-1001.

The Westin Kierland Resort & Spa

ABOUT THE RESORT
The AAA Four Diamond Resort features accommodations that will soothe and stimulate you from a full-service spa and world-class golf to award-winning dining and upscale shopping.

A retreat designed to rejuvenate the mind, body and spirit, Agave, The Arizona Spa offers treatments inspired by traditional practices handed down through many of Arizona’s native cultures.

Cuisine takes center stage at The Westin Kierland Resort & Spa. The Resort’s talented chefs reveal their culinary creativity and vision to offer mouthwatering menus and a tantalizing dining experience in ten unique dining options.

With the spacious guest rooms, the world-renowned Heavenly Bed and White Tea by Westin amenities, you are invited to relax and rejuvenate.

HOW TO GET THERE
Fly directly to Phoenix Sky Harbor International Airport, located just 25 minutes from The Westin Kierland Resort & Spa. Daily non-stop flights are available within the U.S. and Canada.

SPACE IS LIMITED - RESERVE TODAY: Call Hotel Reservations at (480) 624-1000 or Central Reservations at (800) 354-5892 and reference "ASHNR Annual Meeting 2019" to receive the group discount or book online at: www.marriott.com/event-reservations/reservation-link.mi?id=1543349258577&key=GRP&app=resvlink

Group Room Rates Start At..... $295.00/nt. (Single/Double Occupancy)

HOTEL TAX AND FEES: 12.57%
RESORT FEE: $29 plus 12.57% tax per room, per day (Optional) - Available at check-in if interested.
Complimentary wireless internet access is available in guestrooms and main lobby area for attendees.

DEPOSIT POLICY: A deposit equal to first night’s stay is required to hold each guest’s reservation.
CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 7 days or more prior to scheduled arrival date/time and receive a cancellation number to avoid penalties. Check in time is: 4:00 pm; check out time is: 11:00 am.

HOTEL CUT-OFF DATE: SEPTEMBER 3, 2019

50% discount on meeting registration rates listed above.

American Society of Head & Neck Radiology
53rd Annual Meeting
American Society of Head & Neck Radiology

We Accept

INTERNET
www.ASHNR.org

MAIL
Check payable to:     ASHNR
813-806-1001
Tampa, Florida
33614-4490

FAX
PHONE
(813) 806-1000

Check payable to:  ASHNR

MAIL
(813) 806-1001
Tampa, Florida
33614-4490

Fax (813) 806-1000

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 23, 2019. After this date, there will be no refunds given for cancellations. Please email notice of cancellation to: cancel@edusymp.com or fax to 813-806-1001.

The Westin Kierland Resort & Spa

ABOUT THE RESORT
The AAA Four Diamond Resort features accommodations that will soothe and stimulate you from a full-service spa and world-class golf to award-winning dining and upscale shopping.

A retreat designed to rejuvenate the mind, body and spirit, Agave, The Arizona Spa offers treatments inspired by traditional practices handed down through many of Arizona’s native cultures.

Cuisine takes center stage at The Westin Kierland Resort & Spa. The Resort’s talented chefs reveal their culinary creativity and vision to offer mouthwatering menus and a tantalizing dining experience in ten unique dining options.

With the spacious guest rooms, the world-renowned Heavenly Bed and White Tea by Westin amenities, you are invited to relax and rejuvenate.

HOW TO GET THERE
Fly directly to Phoenix Sky Harbor International Airport, located just 25 minutes from The Westin Kierland Resort & Spa. Daily non-stop flights are available within the U.S. and Canada.

SPACE IS LIMITED - RESERVE TODAY: Call Hotel Reservations at (480) 624-1000 or Central Reservations at (800) 354-5892 and reference "ASHNR Annual Meeting 2019" to receive the group discount or book online at: www.marriott.com/event-reservations/reservation-link.mi?id=1543349258577&key=GRP&app=resvlink

Group Room Rates Start At..... $295.00/nt. (Single/Double Occupancy)

HOTEL TAX AND FEES: 12.57%
RESORT FEE: $29 plus 12.57% tax per room, per day (Optional) - Available at check-in if interested.
Complimentary wireless internet access is available in guestrooms and main lobby area for attendees.

DEPOSIT POLICY: A deposit equal to first night’s stay is required to hold each guest’s reservation.
CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 7 days or more prior to scheduled arrival date/time and receive a cancellation number to avoid penalties. Check in time is: 4:00 pm; check out time is: 11:00 am.

HOTEL CUT-OFF DATE: SEPTEMBER 3, 2019

50% discount on meeting registration rates listed above.