



*56<sup>th</sup> Annual Meeting* | **American Society of**

# Head & Neck Radiology

Head and Neck Imaging on Top of the Rockies!

**September 7 - 11, 2022**

Gaylord Rockies Resort & Convention Center  
Aurora, Colorado

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

**SAMs Credit Available**

**Call for Abstracts at [www.ashnr.org](http://www.ashnr.org) • Deadline: May 31, 2022**



# FROM THE

## President-Elect and Program Chair



It gives me great pleasure to welcome one and all to the annual meeting of the American Society of Head and Neck Radiology (ASHNR) to be held from September 7-11, 2022, at the Gaylord Rockies Resort & Convention Center in Aurora, Colorado. The ASHNR annual meeting is the premier national conference specifically focused on head and neck imaging. This meeting provides a comprehensive educational experience in head and neck imaging and includes nearly 100 speakers and moderators from various institutions across academic and private practice settings. The past two virtual meetings in 2021 and 2020 attracted between 1000-1300 registrants and the two in person meetings prior to that in 2019 and 2018 drew around 500-600 registrants.

The sessions at the meeting are designed to attract specialists in Neuroradiology, both adult and pediatric, Head and Neck Radiology, Emergency Radiology and Pediatric Radiology. Apart from providing Continuing Medical Education credits, multiple sessions will also provide SAM credits that are important in meeting ABR Maintenance of Certification

requirements. The annual meeting is regarded highly by one and all as the venue for both obtaining and refreshing one's knowledge in head and neck imaging.

Standing at the edge of the Front Range, Gaylord Rockies Resort & Convention Center showcases the state's alpine charm and offers guests a welcome reprieve from the typical mountain resort stay. There are numerous family-friendly activities ranging from the thrilling Arapahoe Springs Water Park to an exciting lineup of different activities and entertainment. Guests can explore the beautiful Grand Lodge and its stunning mountain views, five delicious restaurants, bars, the world-class Relâche Spa, and a state-of-the-art fitness center. The resort also features over 500,000 sq ft of flexible meeting space, 1,387 modern guest rooms, and 114 spectacular suites. Our corporate sponsor partners will have specifically designed areas to showcase their products, interact with attendees and engage in fruitful discussions.

We hope you are as excited as we are in preparing for the ASHNR 2022 annual meeting and invite you to join this outstanding medical societal event that will provide high quality education in a relaxed environment and multiple opportunities for social events and networking.

### Ashok Srinivasan, M.D., FACR

President-Elect and Program Chair  
American Society of Head & Neck Radiology

## Target Audience

- General radiologists seeking to improve their knowledge and skills in head and neck imaging.
- Radiologists with neuroradiology training or an interest in head and neck imaging who wish to further increase their knowledge of head and neck anatomy, imaging, and pathology.
- Non-radiologist medical practitioners, including otorhinolaryngologists, head and neck surgeons, medical and radiation oncologists, ophthalmologists, skull base surgeons, and general surgeons who are interested in head and neck cancer therapy and diagnosis.
- Dental and oral-maxillofacial practitioners with an interest in anatomy, imaging, and pathology of the jaws and adjacent tissues.
- Allied health professionals with an interest in head and neck cancer and head and neck imaging.
- Physicians-in-training, including residents and fellows pursuing careers in radiology, neuroradiology, otolaryngology, maxillofacial surgery, and/or any of the fields mentioned above.

## Accreditation

**Physicians:** 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 the joint providership of Educational Symposia and 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 30.5 AMA PRA Category 1 Credit(s)<sup>™</sup>. 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.

## Educational Objectives

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

- Recognize normal anatomy, developmental anomalies and various disease processes of the extracranial head and neck spaces, orbits and paranasal sinuses, anterior and central skull base, and the temporal bone.
- Learn about pediatric neck masses, the role for CT versus MRI in pediatric head and neck imaging and review pediatric HN emergencies.
- Learn about symptom approach to diagnosis of cranial nerve pathologies.
- Review lymph node anatomy and pathophysiology in the head and neck.
- Learn strategies to create a positive change including enhanced educational techniques, basics of grant writing and publication, promoting wellness and impact of advocacy efforts in Radiology.
- Stress the importance of medical education, health care equity and DEI efforts in promoting the field of Head and Neck Radiology.
- Revise the updated staging of head and neck cancer, learn the tips and tricks of post op neck tumor imaging and revise basic biopsy strategies.
- Discuss the state-of-the-art imaging of the head and neck with focus on technological advancements and utility of advanced imaging techniques.
- Recognize the importance of basic QI techniques, causes for errors, and the importance of a good quality report.
- Learn the basics of AI in Radiology applications, implementation strategies and barriers.
- Learn non-interpretive skills including financial stewardship, conflict resolution and the art of negotiation.

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

**ADA COMPLIANCE:** 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.

## 2021 - 2022 Program Committee

**Ashok Srinivasan, M.D., FACR** • President-Elect and Program Chair

Amit Agarwal, M.D.

Joseph M. Hoxworth, M.D.

Kristen Baugnon, M.D.

Kim O. Learned, M.D.

Nancy Fischbein, M.D.

Kristine M. Mosier, DM.D., Ph.D.

Reza Forghani, M.D., Ph.D.

Ilona M. Schmalfuss, M.D.

## 2021-2022 Executive Committee

Nancy J. Fischbein, M.D.  
*President*

Paul M. Bunch, M.D.  
*Junior Member-at-Large*

Ashok Srinivasan, M.D., FACR  
*President-Elect*

Barton F. (Char) Branstetter, M.D., FACR  
*Education Committee Chair*

Kristine M. Mosier, DM.D., Ph.D.  
*Vice President*

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*Education Committee Vice Chair*

Christine M. Glastonbury, MBBS  
*Treasurer*

Ilona M. Schmalfuss, M.D.  
*Immediate Past President*

Philip R. Chapman, M.D.  
*Secretary*

Bruno Policeni M.D., MBA  
*ACR Councilor*

Tabassum A. Kennedy, M.D.  
*Senior Member-at-Large*

Amy F. Juliano, M.D.  
*Rules Committee Chair*

## EARLY BIRD SESSION: Sometimes You Know It, Sometimes You Don't, So What???

Wednesday September 7, 2022 • 10:00 AM - 11:30 AM

Please join us for this year's Early Bird Session titled "Sometimes You Know It, Sometimes You Don't, So What???" (1.5 AMA PRA Category 1 Credits (s)<sup>TM</sup>). This 90-minute session will be an opportunity for registrants to present their most puzzling and perplexing cases for discussion with experts in the field of Head & Neck Radiology and with an audience of their peers. This is a great opportunity for everybody to learn how best to approach a challenging case, using knowledge of anatomy, imaging characteristics, and clinical medicine to help to narrow down the differential diagnosis. These cases will highlight the ways in which radiologists serve as essential consultants to our referring physicians and are meant to emphasize the added value of clinical-radiological correlation in our lives and the lives of our patients.

Please email your PowerPoint presentations with anonymized cases free of any patient identifiers to Ashok Srinivasan (ashoks@med.umich.edu) by August 1, 2022, at 11:59 PM PDT. Only cases submitted in advance can be accepted. Please carefully select the number of images, as the author presentation of each case will be limited to 3 minutes.

## MEMBERS-IN-TRAINING & JUNIOR FACULTY RECEPTION

Friday, September 9, 2022 • 3:10 PM - 4:10 PM

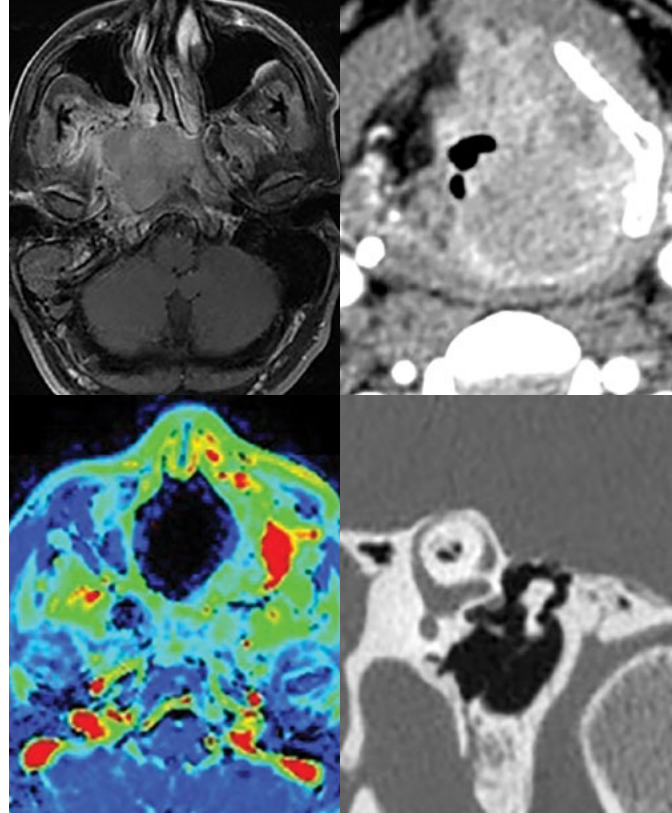
Members-in-Training and Junior Faculty are invited to attend the Mentor Reception being held on Friday, September 9th. This reception will provide the opportunity for trainees to connect with ASHNR faculty and develop relationships with our outstanding mentors.

### Pre-Registration is Required for Participation

Interested in being a Mentor? Contact Elizabeth George, M.D., [Elizabeth.George@ucsf.edu](mailto:Elizabeth.George@ucsf.edu)

## CALL FOR ABSTRACTS

CALL FOR ABSTRACTS for both Oral Scientific Papers and Electronic Educational Exhibits, including information, instructions and forms, is available on our website [www.ashnr.org](http://www.ashnr.org). Deadline for submissions is **Tuesday, May 31, 2022 at 11:59 PM PDT**.





# Meeting Program

## Wednesday, September 7, 2022

**8:00 AM** Registration Opens

**9:50 – 10:00** Welcome and Opening Remarks  
*Ashok Srinivasan, M.D., FACP*

### SESSION 1: Early Bird Session

**10:00 – 11:30** Sometimes You Know It,  
Sometimes You Don't, So What??  
*Moderators: Erin N. McComb, M.D.,  
Edward J. Escott, M.D.*

**11:30 – 1:00 PM** Lunch On Your Own

### ★ SESSION 2 - SAM SESSION I: Need Some Space?

**Review of Spatial Neck Anatomy And Pathologies**  
*Moderator: Mrudula Penta, M.D., Anton Hasso, M.D., FACP*

1:00 – 1:20 Nasopharynx  
*Nancy J. Fischbein, M.D.*

1:20 – 1:40 Oropharynx  
*Daniel E. Meltzer, M.D.*

1:40 – 2:00 Hypopharynx/Larynx  
*Karen K. Moeller, M.D.*

2:00 – 2:20 Oral Cavity  
*Keivan Shifteh, M.D., FACP*

2:20 – 2:40 Parapharyngeal and  
Carotid Spaces  
*John L. Go, M.D., FACP*

**2:40 – 3:00** Refreshment Break and Visit with  
Vendors and Educational Exhibits

### SESSION 3 - SAM SESSION II: Still Need More Space?

*Moderators: Anant Krishnan, M.D., David M. Yousem, M.D., MBA*

3:00 – 3:20 Masticator/Buccal Spaces  
*Karen L. Salzman, M.D.*

3:20 – 3:40 Retropharyngeal/Perivertebral  
Spaces  
*Mari Hagiwara, M.D.*

3:40 – 4:00 Posterior Cervical/Supraclavicular  
Spaces  
*Sirisha T. Komakula, M.D.*

4:00 – 4:15 Approach to Trans-Spatial Lesions  
*Elizabeth George, M.D.*

**4:15 – 4:30** Coffee Break

### SESSION 4: Lest We Forget

*Moderator: Elcin Zan, M.D.*

4:30 – 4:50 Brachial Plexus Imaging - A Primer  
*Sugoto Mukherjee, M.D.*

4:50 – 5:10 Perineural Tumor Spread:  
Why Should I Care?  
*Blair A. Winegar, M.D.*

5:10 – 5:30 NIRADS: Principles and Utilization  
*Michael Bazylewicz, M.D.*

**5:30 – 5:45** 2021 William N. Hanafee, M.D. ♦  
Research Grant Award  
Presentation  
**Moderator:** Claudia F.E. Kirsch, M.D.  
**Recipient:** R. Scott Widemon, M.D.

**6:00 – 8:00** Opening Reception  
Sponsored by Philips Healthcare

## Thursday, September 8, 2022

**6:30 – 7:30 AM** Breakfast and Learn ♦  
Sponsored by TBD

7:55 – 8:00 Announcements  
*Ashok Srinivasan, M.D., FACP*

### SESSION 5 - SAM SESSION III: Orbits, Sinuses and Face

*Moderator: Amanda Aguilera, M.D., James J. Abrahams, M.D.*

8:00 – 8:20 Orbital and Ocular Masses - Adult  
*Hilda E. Stambuk, M.D.*

8:20 – 8:40 Orbital and Ocular Masses -  
Pediatric  
*Mai-Lan Ho, M.D.*

8:40 – 9:00 Sinonasal Tumors  
*Deborah R. Shatzkes, M.D.*

9:00 – 9:20 Sinonasal Infections  
*Kristine M. Mosier, DMD, Ph.D.,*

9:20 – 9:40 Cystic Lesions of the Jaw  
*Matthew S. Parsons, M.D.*

**9:40 – 10:00** Refreshment Break  
Sponsored by  
Bracco Diagnostics Inc.

### Visit with Vendors and Educational Exhibits

### SESSION 6 - SAM SESSION IV: Symptom Based Approach

*Moderator: Eugene Yu, M.D., FRCPC, Justin Brucker, M.D.*

10:00 – 10:20 Can't Smell a Thing?  
*Katie S. Traylor, D.O.*

10:20 – 10:40 I am Seeing Double  
*Ilona M. Schmalfuss, M.D.*

10:40 – 11:00 An Icepick on My Face  
*David R. DeLone, M.D.*

11:00 – 11:20 Sorry, What Was That Again?  
*Robert E. Morales, M.D.*

11:20 – 11:40 You Hear That Buzzing Too?  
*Katherine L. Reinshagen, M.D.*

11:40 – 12:00 PM My Voice is Gruff...  
*Alok A. Bhatt, M.D.*

**12:00 – 12:30** Lunch On Your Own

**12:30 – 1:00** Scientific Paper Session I ♦  
*Moderator: Aseem Sharma, MBBS*

### SESSION 7: It's A Tumor or Is It?

*Moderator: Adina Achirioiaie, M.D., Daniel W. Williams III, M.D.*

1:00 – 1:20 Systemic Disease Affecting  
the Neck  
*Nikdokht (Niky) Farid, M.D.*

1:20 – 1:40 Pearls and Pitfalls of  
Neck Tumor Imaging  
*Prashant Raghavan, MBBS*

1:40 – 2:00 Contemporary Imaging of  
Neck Lymph Nodes  
*Peter M. Som, M.D., FACP, FRSM*

2:00 – 2:15 The Nodes without a Number:  
We Do Matter!  
*Roberta W. Dalley, M.D.*

2:15 – 2:30 Perplexing Neck Lesions  
*Amit Mahajan, M.D.*

**2:30 – 2:45** Refreshment Break and Visit with  
Vendors and Educational Exhibits

## Thursday, September 8, 2022 (Continued)

### ★ SESSION 8:

#### Creating Positive Change

*Moderators: Burce Ozgen Mocan, M.D.,  
Bundhit Tantiwongkosi, M.D.*

2:45 – 3:00 Enhanced Educational Strategies  
in the Virtual Environment  
*Tabbasum A. Kennedy, M.D.*

3:00 – 3:15 Basics of Writing a Peer-Reviewed  
Publication  
*C. Douglas Phillips, M.D., FACP*

3:15 – 3:30 Basics of Grant Proposals  
and Funding  
*Claudia F.E. Kirsch, M.D.*

3:30 – 3:45 Professional Societies:  
How and Why Get Involved?  
*William O'Brien, Sr., D.O., FAOCR*

3:45 – 4:00 Creating Policy Changes:  
Importance of Advocacy Efforts  
*Bruno Adam Policeni, M.D., MBA*

4:00 – 4:15 Preventing Burnout and  
Promoting Wellness  
*Vijay M. Rao, M.D., FACP*

### ★ SESSION 9:

#### Advancing The Field: Challenges and Opportunities

*Moderator: Kassie McCullagh, M.D.,  
Salman Qureshi, M.D., FRCR, FESHNR*

4:15 – 4:35 Diversity, Equity, and Inclusion 2.0,  
Where Are We Now?  
*Ann K. Jay, M.D.*

4:35 – 4:55 Health Care Equity for the Head  
and Neck Radiologist  
*Gloria J. Guzman Perez-Carrillo, M.D., MSc,  
MPH*

4:55 – 5:15 Future of Medical Education  
*Richard H. Wiggins, III, M.D., FIIP, FSIM,  
FAHSE, FACP*

5:15 – 5:30 PROs and CONs of Macros  
in Training  
*Salmaan Ahmed, M.D.*

**5:30 – 6:30** ASHNR GAME SHOW  
*Nicholas A. Koontz, M.D.,  
Remy R. Lobo, M.D.*

## Friday, September 9, 2022

**6:30 – 7:30 AM** Breakfast and Learn ♦  
Sponsored by Bayer

**7:45 – 7:50** Announcements  
*Ashok Srinivasan, M.D., FACP*

### SESSION 10: Cancer Imaging

*Moderators: Roberto Rivera-De Choudens, M.D.,  
Akira Baba, M.D., Ph.D.*

7:50 – 8:10 AJCC 8th Edition Updates:  
Time to Refresh Again!  
*David A. Zander, M.D.*

8:10 – 8:30 Post-Op Tumor Imaging:  
Tips and Tricks  
*Tanya J. Rath, M.D.*

8:30 – 8:50 How to Prepare for Head and Neck  
Tumor Board  
*Lawrence E. Ginsberg, M.D.*

8:50 – 9:10 Unique Considerations in  
Pediatric Head and Neck Cancer  
*Caroline D. Robson, MBChB*

9:10 – 9:25 Molecular Markers and Genetics for  
Head and Neck Tumors  
*Amit K. Agarwal, M.D.*

9:25 – 9:40 Biopsy Strategies for  
Head and Neck Masses  
*Ashley Hawk Aiken, M.D.*

# Meeting Program

Friday, September 9, 2022 (Continued)

**9:40 – 10:00 Refreshment Break and Visit with Vendors and Educational Exhibits**

**SESSION 11:**  
**Pushing The Envelope:**  
**State of The Art Head and Neck Imaging**  
*Moderators: John Kim M.D., Osamu Sakai, M.D., Ph.D., FACR*

10:00 – 10:20 Cutting Edge Scanning Technology - Where Can It Take Us?  
*Greg Avey, M.D.*

10:20 – 10:40 Diffusion Imaging - Techniques and Applications  
*Xin (Cynthia) Wu, M.D.*

10:40 – 11:00 Perfusion Head and Neck Imaging - CT and MR  
*Remy R. Lobo, M.D.*

11:00 – 11:20 PET Imaging in the 2020s  
*Barton F. Branstetter, IV, M.D., FACR*

11:20 – 11:40 3D Printing and 3D Visualization  
*Edward P. Quigley III, M.D., Ph.D.*

11:40 – 12:00 PM Dual Energy CT: Double Trouble or Double Benefit?  
*Reza Forghani, M.D., Ph.D.*

**12:00 – 2:00 Gold Medal Award Luncheon ♦**

**★ SESSION 12:**  
**Achieving Your Full Potential! (YPS Session)**  
*Moderators: Hollie A. Lai, M.D., Alexandra Foust, D.O.*

2:00 – 2:15 Making the Best of the Mentor-Mentee Relationship  
*Patricia A. Rhyner, M.D., FACR*

2:15 – 2:30 Creating Your Own Niche - Where to Start  
*Paul M. Bunch, M.D.*

2:30 – 2:45 Different Practice Models and Integration  
*Mark D. Mamlouk, M.D.*

2:45 – 3:00 Transforming Education into Scholarship  
*Nicholas A. Koontz, M.D.*

**3:00 End of Session**

**3:10 – 4:10 Mentor Reception**

**Saturday, September 10, 2022**

**6:30 – 7:30 AM Breakfast and Learn ♦**

**7:55 – 8:00 Morning Announcements**  
*Ashok Srinivasan, M.D., FACR*

**SESSION 13 - SAM SESSION V:**  
**Anterior - Central Skull Base: Doing The Heavy Lift**  
*Moderator: Felix E. Diehn M.D., Nafi Aygun, M.D., FACR*

8:00 – 8:20 Review of Skull Base Anatomy  
*Vikas Jain, MBBS*

8:20 – 8:40 Congenital/Developmental Skull Base Lesions  
*Courtney M. Tomblinson, M.D.*

8:40 – 9:00 Infection and Inflammation  
*Mohit Agarwal, M.D.*

9:00 – 9:20 Tumor and Tumor Mimics  
*Laura Eisenmenger, M.D.*

9:20 – 9:40 Post-Op Skull Base  
*Kim O. Learned, M.D.*

9:40 – 10:00 Image Guided Biopsies of Skull Base: How I Do Them  
*Laurie A. Loewner, M.D.*

**10:00 – 10:30 Refreshment Break**

Saturday, September 10, 2022 (Continued)

**★ SESSION 14:**  
**Temporal Bone: Really Important Real Estate**  
*Moderator: Gopi K. Nayak, M.D., Richard Silbergleit, MD*

10:30 – 10:50 Anatomy That Will Set You Free  
*Julie L. Bykowski, M.D.*

**Valvassori Lecture**  
Not for the Lite-Hearted: A Journey Through Surgical Approaches  
*Amy F. Juliano, M.D.*

10:50 – 11:20 Cochlear Implantation: Pre and Post Surgical Workup  
*Gul Moonis, MBBS*

11:20 – 11:40 Infection and Inflammation  
*Surjith Vattoth, M.D.*

**12:00 – 12:30 Lunch On your Own**

**12:30 – 1:00 Scientific Paper Session II ♦**  
*Moderator: Ashok Srinivasan, M.D., FACR*

**SESSION 15:**  
**Glandular Imaging**  
*Moderators: Girish Fatterpekar, MBBS, DNB, M.D., Kalen Riley, M.D.*

1:00 – 1:20 Lacrimal Glands: Anatomy and Pathology  
*Bronwyn E. Hamilton, M.D.*

1:20 – 1:40 Thyroid Nodules: What Should I Do With Them?  
*Yoshimi Anzai, M.D., MPH*

1:40 – 2:00 Parathyroid Imaging Strategies  
*Hillary R. Kelly, M.D.*

2:00 – 2:15 Salivary Glands: Infection and Inflammation  
*Rihan Khan, M.D.*

2:15 – 2:30 Salivary Glands: Tumors and Mimics  
*Karen A. Tong, M.D.*

**2:30 – 2:45 Refreshment Break**

**SESSION 16:**  
**Quality And Safety**  
*Moderators: Lindell R. Gentry, M.D., FACR, Jason Johnson, M.D.*

2:45 – 3:05 QI Techniques for the Beginner  
*Ashok Srinivasan, M.D., FACR*

3:05 – 3:25 Errors are Opportunities?  
*Christine M. Glastonbury, MBBS*

3:25 – 3:45 Importance of the Written (Dictated) Word  
*Jenny K. Hoang, MBBS, MHS, MBA*

3:45 – 4:00 Those Pesky Incidentals: What Should I Do?  
*Philip R. Chapman, M.D.*

4:00 – 4:15 Creating the Ideal Reading Room  
*Kristen Lloyd Bagnon, M.D.*

**4:15 – 4:30 Refreshment Break**

**SESSION 17:**  
**Things They Didn't Teach You in Med School**  
*Moderator: Bharathidasan Jagadeesan, M.D.*

4:30 – 4:50 Financial Stewardship  
*Suresh K. Mukherji, M.D., MBA, FACR*

4:50 – 5:10 Managing Conflict  
*Gaurang V. Shah, M.D., FACR*

5:10 – 5:30 The Art of Negotiation  
*Christopher P. Wood, M.D.*

Saturday, September 10, 2022 (Continued)

**5:30 – 5:40 Awards Presentations: Scientific Abstracts, Electronic Exhibits & Case-of-the Day Winners ♦**  
*Moderators: Barton F. Branstetter, IV, M.D., FACR, Ashley Hawk Aiken, MD*

**5:40 – 6:10 Annual Business Meeting ♦**

**7:00 – 10:00 Gala at Gaylord Front Range Lawn**

**Sunday, September 11, 2022**

**6:30 – 7:30 AM Breakfast and Learn ♦**  
Sponsored by TBD

**7:50 – 8:00 Announcements & 9/11 Remembrance**  
*Ashok Srinivasan, M.D., FACR*

**SESSION 18 - SAM SESSION VI:**  
**It's A Little Package**  
*Moderators: Susan Palasis, M.D., Timothy N. Booth, M.D.*

8:00 – 8:20 Approach to Pediatric Neck Masses  
*Srikala Narayanan, M.D.*

8:20 – 8:40 Congenital Temporal Bone: How Do I Remember All This Stuff?  
*Rupa Radhakrishnan, MBBS, MS*

8:40 – 9:00 Role of CT versus MR in the Pediatric Population  
*Karuna V. Shekdar, M.D.*

9:00 – 9:20 Vascular Head and Neck Lesions  
*Jacqueline C. Junn, M.D.*

9:20 – 9:40 Pediatric Head and Neck Emergencies  
*Asha Sarma, M.D.*

9:40 – 10:00 Weird But True: Cases that Stumped Me  
*Bernadette L. Koch, M.D.*

**10:00 – 10:30 Break**

**SESSION 19:**  
**Click Here If You Are Human**  
*Moderators: Benjamin YM Kwan, M.D., FRCPC, Ashesh Thaker, M.D.*

10:30 – 10:50 Fundamentals of AI: What Should I Know?  
*Jeffrey P. Guenette, M.D.*

10:50 – 11:10 AI Tools in Current Practice  
*Luke N. Ledbetter, M.D.*

11:10 – 11:30 How to Choose Your AI Package  
*Joshua E. Lantos, M.D.*

11:30 – 11:45 Big Data, Small Data  
*Nancy Pham, M.D.*

11:45 – 12:00 PM Implementation Strategies and Barriers for AI  
*Joseph M. Hoxworth, M.D.*

12:00 – 12:10 Closing Remarks  
*Ashok Srinivasan, M.D.*

**12:10 End of Meeting**

Faculty & topics subject to change.

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

★ Sponsored by the Core Curriculum Fund

# Invited Faculty and Moderators

**James J. Abrahams, M.D.**  
Yale University School of Medicine

**Adina Achiriloiae, M.D.**  
Loma Linda University Health

**Amit K. Agarwal, M.D.**  
UT Southwestern

**Mohit Agarwal, M.D.**  
Medical College of Wisconsin

**Amanda Aguilera, M.D.**  
Loma Linda University Health

**Salmaan Ahmed, M.D.**  
UT MD Anderson Cancer Center

**Ashley Hawk Aiken, M.D.**  
Emory University School of Medicine

**Yoshimi Anzai, M.D., MPH**  
University of Utah Health Care

**Gregory Avey, M.D.**  
University of Wisconsin Medical School

**Nafi Aygun, M.D., FACP**  
University of South Florida

**Akira Baba, M.D., Ph.D.**  
The Jikei University School of Medicine

**Kristen Lloyd Baugnon, M.D.**  
Emory University School of Medicine

**Michael Bazylewicz, M.D.**  
The University of Vermont Medical Center

**Alok A. Bhatt, M.D.**  
Mayo Clinic Florida

**Timothy N. Booth, M.D.**  
University of Texas Southwestern

**Barton F. Branstetter, IV, M.D., FACP**  
University of Pittsburgh Medical Center

**Justin Brucker, M.D.**  
University of Wisconsin

**Paul M. Bunch, M.D.**  
Wake Forest School of Medicine

**Julie L. Bykowski, M.D.**  
UC San Diego Health

**Philip R. Chapman, M.D.**  
Duke University Medical Center

**Roberta W. Dalley, M.D.**  
University of Washington Medical Center

**David R. DeLone, M.D.**  
Mayo Clinic

**Felix E. Diehn, M.D.**  
Mayo Clinic

**Laura B. Eisenmenger, M.D.**  
University of Wisconsin

**Edward J. Escott, M.D.**  
University of Kentucky College of Medicine

**Nikhoht (Niky) Farid, M.D.**  
UC San Diego Health System

**Girish M. Fatterpekar, MBBS, DNB, M.D.**  
NYU Langone Medical Center

**Nancy J. Fischbein, M.D.**  
Stanford University School of Medicine

**Reza Forghani, M.D., Ph.D.**  
University of Florida College of Medicine

**Alexandra Foust, D.O.**  
University Hospitals

**Lindell R. Gentry, M.D., FACP**  
University of Wisconsin

**Elizabeth George, M.D.**  
University of California, San Francisco

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

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

**John L. Go, M.D., FACP**  
University of Southern California

**Jeffrey P. Guenette, M.D.**  
Harvard Medical School

**Gloria J. Guzman Perez-Carrillo, M.D., MSc, MPH**  
Washington University School of Medicine

**Mari Hagiwara, M.D.**  
New York University Langone Medical Center

**Bronwyn E. Hamilton, M.D.**  
Oregon Health & Science University

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

**Mai-Lan Ho, M.D.**  
Nationwide Children's Hospital

**Jenny K. Hoang, MBBS, MHS, MBA**  
Johns Hopkins School of Medicine

**Joseph M. Hoxworth, M.D.**  
Mayo Clinic

**Bharathidasan Jagadeesan, M.D.**  
University of Minnesota

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

**Ann K. Jay, M.D.**  
MedStar Georgetown University Hospital

**Jason Johnson, M.D.**  
The University of Texas, MD Anderson Cancer Center

**Amy F. Juliano, M.D.**  
Harvard Medical School

**Jacqueline C. Junn, M.D.**  
Icahn School of Medicine at Mount Sinai

**Hillary R. Kelly, M.D.**  
Harvard Medical School

**Tabassum A. Kennedy, M.D.**  
The University of Wisconsin-Madison

**Rihan Khan, M.D.**  
Dartmouth-Hitchcock Medical Center

**John Kim, M.D.**  
University of Michigan

**Claudia F.E. Kirsch, M.D.**  
Yale University

**Bernadette L. Koch, M.D.**  
University of Cincinnati College of Medicine

**Sirisha T. Komakula, M.D.**  
Colorado Permanente Medical Group

**Nicholas A. Koontz, M.D.**  
Indiana University School of Medicine

**Anant Krishnan, M.D.**  
Oakland University William Beaumont School of Medicine

**Benjamin YM Kwan, M.D., FRCP**  
Queen's University

**Hollie A. Lai, M.D.**  
Children's Health

**Joshua E. Lantos, M.D.**  
Weill Cornell Medical College

**Kim O. Learned, M.D.**  
MD Anderson Cancer Center

**Luke N. Ledbetter, M.D.**  
David Geffen School of Medicine at UCLA

**Remy R. Lobo, M.D.**  
University of Michigan

**Laurie A. Loevner, M.D.**  
University of Pennsylvania Health System

**Amit Mahajan, M.D.**  
Yale University

**Mark D. Mamlouk, M.D.**  
University of California San Francisco

**Erin N. McComb, M.D.**  
Northwestern University

**Kassie McCullagh, M.D.**  
University of North Carolina at Chapel Hill

**Daniel E. Meltzer, M.D.**  
Icahn School of Medicine Mount Sinai West

**Burce Ozgen Mocan, M.D.**  
University of Illinois at Chicago

**Karen K. Moeller, M.D.**  
Norton Children's Hospital

**Gul Moonis, MBBS**  
NYU Langone Medical Center

**Robert E. Morales, M.D.**  
Ochsner Clinic

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

**Sugoto Mukherjee, M.D.**  
University of Virginia Health System

**Suresh K. Mukherji, M.D., MBA, FACP**  
Marian University

**Srikala Narayanan, M.D.**  
Children's Hospital of Pittsburgh of UPMC

**Gopi K. Nayak, M.D.**  
NYU Langone Medical Center

**William T. O'Brien, Sr., D.O., FAOCR**  
Arnold Palmer Children's Hospital

**Susan Palasis, M.D.**  
Children's Healthcare of Atlanta

## Invited Faculty and Moderators (Continued)

**Matthew S. Parsons, M.D.**

Washington University in St. Louis School of Medicine

**Mrudula Penta, M.D.**

Stanford University School of Medicine

**Nancy Pham, M.D.**

Stanford University

**C. Douglas Phillips, M.D., FACP**

Weill Cornell Medical College

**Bruno Adum Policeni, M.D., MBA**

University of Iowa Hospital and Clinics

**Edward P. Quigley, III, M.D., Ph.D.**

University of Utah

**Salman Qureshi, M.D., FRCR, FESHNR**

Mayo Clinic, Abu Dhabi

**Rupa Radhakrishnan, MBBS, MS**

Riley Hospital for Children at Indiana University Health

**Prashant Raghavan, MBBS**

University of Maryland School of Medicine

**Vijay M. Rao, M.D., FACP**

Thomas Jefferson University

**Tanya J. Rath, M.D.**

Mayo Clinic College of Medicine

**Katherine L. Reinshagen, M.D.**

Harvard Medical School

**Patricia A. Rhyner, M.D., FACP**

Mayo Clinic

**Kalen Riley, M.D.**

Indiana University School of Medicine

**Roberto Rivera-De Choudens, M.D.**

University of Michigan

**Caroline D. Robson, MBChB**

Boston Children's Hospital

**Osamu Sakai, M.D., Ph.D., FACP**

Boston University School of Medicine

**Karen L. Salzman, M.D.**

University of Utah School of Medicine

**Asha Sarma, M.D.**

Vanderbilt University Medical Center

**Ilona M. Schmalfuss, M.D.**

NF/SG Veterans Administration and University of Florida

**Gaurang V. Shah, M.D., FACP**

University of Michigan Health System

**Aseem Sharma, MBBS**

University of Michigan

**Deborah R. Shatzkes, M.D.**

Zucker School of Medicine at Hofstra/Northwell

**Karuna V. Shekdar, M.D.**

University of Pennsylvania

**Keivan Shifteh, M.D., FACP**

Albert Einstein College of Medicine

**Richard Silbergleit, M.D., MBA**

William Beaumont School of Medicine

**Peter M. Som, M.D., FACP, FRSM**

Icahn School of Medicine at Mount Sinai

**Ashok Srinivasan, M.D., FACP**

University of Michigan

**Hilda E. Stambuk, M.D.**

Weill Cornell Medical College

**Bundhit Tantiwongkosi, M.D.**

University of Texas Health San Antonio

**Ashesh Thaker, M.D.**

University of Colorado, Anschutz Medical Campus

**Courtney M. Tomblinson, M.D.**

Vanderbilt University Medical Center

**Karen A. Tong, M.D.**

Loma Linda University Medical Center

**Katie S. Traylor, D.O.**

University of Pittsburgh

**Surjith Vattoth, M.D.**

University of Arkansas for Medical Sciences

**Richard H. Wiggins, III, M.D., CIIP, FSIIM, FAHSE, FACP**

University of Utah Health Sciences Center

**Daniel W. Williams, III, M.D.**

Wake Forest School of Medicine

**Blair A. Winegar, M.D.**

University of Arizona College of Medicine

**Christopher P. Wood, M.D.**

Mayo Clinic

**Xin (Cynthia) Wu, M.D.**

Emory University School of Medicine

**David M. Yousem, M.D., MBA**

Johns Hopkins Medical Institution

**Eugene Yu, M.D., FRCPC**

University of Toronto

**Elcin Zan, M.D.**

NYU Langone Health

**David A. Zander, M.D.**

University of Colorado School of Medicine

## CASE-OF-THE-DAY PRESENTERS:

**Mike Bazylewicz, M.D.**

**Michael Kwofie, M.D.**

**Nancy Pham, M.D.**

**Audrey Rose Verde, M.D., Ph.D.**

**Michael T. Starc, M.D.**

**Sara Strauss, M.D.**

**Sara Tedla, M.D.**

**Jamie Wicks, M.D.**

**Misia Yuhasz, M.D.**

## 2021

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

**R. Scott Widemon, M.D.**

Columbia University Irving Medical Center  
New York, NY

## ASHNR GAME SHOW CONTESTANTS



## Registration Information

56<sup>th</sup> Annual Meeting

# American Society of Head & Neck Radiology

ASHNR22

A late fee of \$75 will be added to any registration postmarked after **August 24, 2022**.

ASHNR Member ..... ☐ \$625.00      Emeritus ASHNR Member ..... ☐ Free  
Non-ASHNR Member ..... ☐ \$825.00      International Attendees (Outside of North America)  
Member-in-Training ☐ Resident ☐ Fellow ☐ Medical Student ..... ☐ \$200.00      ☐ 50% discount on member or non-member rate only  
Other ☐ Allied Health Professionals ☐ Military ☐ Retired ..... ☐ \$400.00      **TOTAL ENCLOSED: \$** \_\_\_\_\_

### Opening Reception • Wednesday, September 7, 2022

☐ Yes, I plan to attend

### Mentor Reception

An opportunity for trainees to connect with ASHNR faculty and develop relationships with our outstanding mentors.

Friday, September 9, 2022

3:10 PM - 4:10 PM ..... ☐ Free

Please Check One:

☐ Medical Student ☐ Resident ☐ Fellow ☐ Junior Faculty

### PRE-REGISTRATION IS REQUIRED FOR PARTICIPATION.

\*Interested in being a Mentor, please contact

Elizabeth George, M.D., [Elizabeth.George@ucsf.edu](mailto:Elizabeth.George@ucsf.edu)

### Gold Medal Award Luncheon • Friday, September 9, 2022

☐ Yes, I plan to attend • You must RSVP to attend, seating is limited.

(Free for ASHNR members; ☐ \$35 for Non-Members)

☐ Vegetarian Option

### Gala at Marshall's Outpost Pavilion • Saturday, September 10, 2022

☐ Yes, I plan to attend  
(Free for attendees; guests additional)

☐ Guest/Spouse Gala Fee

☐ \$70.00

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

## 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

(813) 806-1001

#### PHONE

(813) 806-1000

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	
Address	City / State / Zip Code / Country
Phone	Email (Required)
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 **July 29, 2022**. After this date, there will be no refunds given for cancellations. Please email notice of cancellation to: [cancel@edusymp.com](mailto:cancel@edusymp.com) or fax to 813-806-1001.

## Gaylord Rockies Resort & Convention Center

### ABOUT THE RESORT

Standing at the foothills of the Front Range mountains, Gaylord Rockies Resort offers family-friendly entertainment and the thrilling Arapahoe Springs Water Park, complete with slides, a winding lazy river, and crystal-clear pools. Experience the wonder of the beautiful Grand Lodge and its stunning views of the surrounding mountains while indulging in extraordinary amenities, including spacious rooms, a luxurious spa, a delicious variety of dining and bars, and shopping. Experience your summer of more excitement and entertainment at Gaylord Rockies Resort.

### HOW TO GET THERE

Fly directly to Denver International Airport located just 20 minutes from Gaylord Rockies Resort & Convention Center. Daily non-stop flights are available to Denver for major national and international carriers.

### SPACE IS LIMITED - RESERVE TODAY:

Call Reservations at: 888-840-3143 and identify that you are with "American Society of the Head and Neck" or "ASHNR22" (please let reservations know the meeting is for 2022) to receive the group discounted room rate or book online at: <https://book.passkey.com/go/ASHNR2022>

### Group Room Rates Start At.....\$212.00/nt.

(Single/Double Occupancy)

\$20.00 per person, per night (Triple and Quad Occupancy)

**APPLICABLE TAXES:** 12.75 % per room night: Room tax at 4.75% and Occupancy tax at 8%.

An additional \$2.00 Aurora Destination Marketing Fee will apply daily.

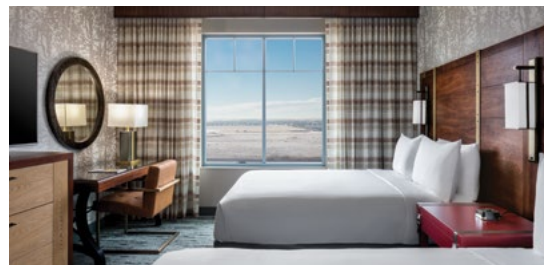
**PIF FEE:** Room rates will be subject to a non-commissionable Public Improvement Fee (currently 2.5% of the room rate, per room, per night).

**HOTEL CUT-OFF DATE: AUGUST 16, 2022**

(group rates 3 days prior/post – space available basis).

**VALET PARKING AVAILABLE:** \$39.00 per day

**SELF-PARKING:** \$29.00 per day.



**DEPOSIT POLICY:** A deposit of one (1) night's room rate plus tax will be charged at time of reservation to guarantee accommodations.

**CANCELLATION POLICY:** Deposit will be refunded if cancellation is received at least 3 working days prior to arrival and a cancellation number is obtained.

Check in time is 4:00 PM; check out time is 11:00 AM

**HOTEL:** 6700 North Gaylord Rockies Boulevard

Aurora, CO 80019

**PHONE:** (720) 452-6900