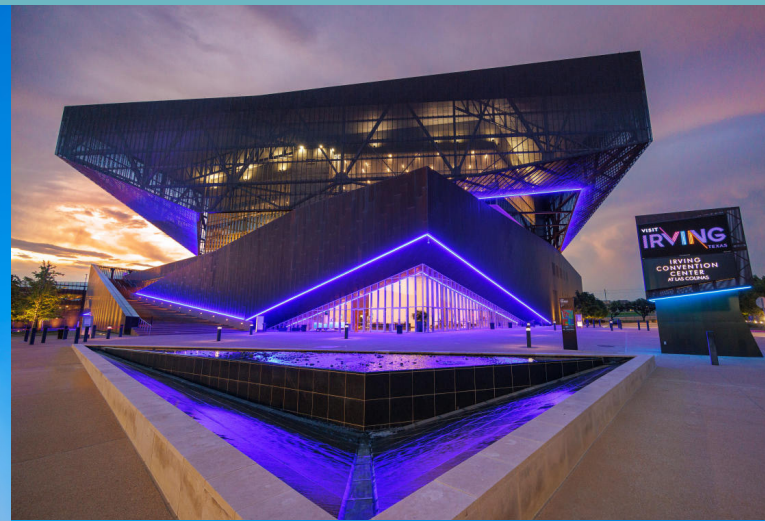


# 48<sup>th</sup> ANNUAL MEETING

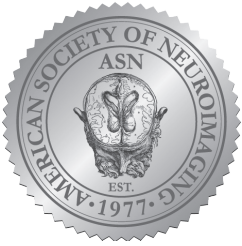
## AMERICAN SOCIETY OF NEUROIMAGING



# DALLAS

**JANUARY 17 - 19, 2025**

**THE WESTIN IRVING CONVENTION CENTER AT LAS COLINAS**



# 48th Annual Meeting of **THE AMERICAN SOCIETY OF NEUROIMAGING**

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Journal of  
Neuroimaging

### **FOLLOW ASN ON SOCIAL MEDIA!**

Bring the Neuroimaging community  
into the conversation by tagging  
ASN and JON in your posts and tweets!



# About ASN

The American Society of Neuroimaging (ASN) is an international, professional organization educating & representing neurologists, APPS, neurosurgeons, neuroradiologists, residents, fellows, technologists and other neuroscientists who are dedicated to the advancement of techniques used to evaluate the nervous system, since 1977.

## MISSION

To provide neuroimaging, and informatics education, certification, support, and guidance to neurologists and other neuroscience clinicians, technologists, sonographers, and researchers.

## VISION

To ensure all individuals with neurological disorders have access to experts in neuroimaging and neurosonology.

The American Society of Neuroimaging (ASN) is an active member of the House of Delegates (HOD) of the American Medical Association (AMA). The HOD is the principal policy-making body of the AMA.

## GOALS

The American Society of Neuroimaging (ASN) is an international, professional organization of clinicians, technologists and research scientists who are dedicated to education, advocacy and research to promote neuroimaging as crucial to the treatment and investigation of disorders of the nervous system. The ASN supports the right of qualified physicians to utilize neuroimaging modalities for the evaluation and management of their patients, and the right of patients with neurological disorders to have access to appropriate neuroimaging modalities and to physicians qualified in their use and interpretation. The ASN supports clinical and basic science research by neuroimagers through educational programs, an annual meeting and a scientific journal.

The goal of the ASN is to promote the highest standards of neuroimaging in clinical practice, thereby improving the quality of medical care for patients with diseases of the nervous system. This goal is accomplished through:

- Presenting scientific and educational programs at an annual meeting and through the promotion of fellowships, preceptorships, tutorials and seminars related to neuroimaging
- Publishing a scientific journal
- Formulating and promoting high standards of practice and setting training guidelines
- Evaluation of physician competency through examinations
- Emphasis is placed on the correlation between clinical information and neuroimaging data to provide the cost effective and efficient use of imaging modalities for the diagnosis and evaluation of diseases of the nervous system

The ASN will continue to develop training and practice guidelines related to neuroimaging for 1) physicians in practice who currently use or wish to use neuroimaging; 2) physicians in residency or fellowship training; and 3) healthcare entities responsible for defining or allocating professional privileges and credentialing to individual physicians.

## 2025 ASN BOARD

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Ryan Hakimi, DO, MS, NVS, RPNI, CPB, FNCS, FCCM, FAAN  
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### ASN Journals

Rohit Bakshi, MD  
*Editor-in-Chief, Journal of Neuroimaging*

Aarti Sarwal, MD, FNCS, FAAN  
*Editor-in-Chief, Clinical Neuroimaging*

# Welcome ASN 2025!

The 2025 Annual Meeting, located in vibrant and diverse Dallas, targets neuroimaging educational tracks for those planning to advance their career. Topics covered include review lectures on neurovascular ultrasound, use of TCD in the evaluation of stroke in the young, sickle cell disease, inflammatory tumefactive lesions of the CNS, neuro POCUS, and case studies in neurodegenerative conditions. Additionally, we will be delivering in-depth coverage of ultrasonography including topics for certification preparation. Furthermore, the ASN will have low-cost basic and advanced TCD and carotid ultrasound hands-on workshops for learners at all stages.

We would also like to remind you that, in addition to clinical and basic science research by neuroimagers through our annual meetings, we are expanding our certification, fellowship and preceptorship programs to provide more in-depth and immersive training. Biweekly webinars provide continuous topical updates with CME credits and will soon be available in our online education center.

The ASN two scientific journals continue to do very well. Our flagship internationally recognized *Journal of Neuroimaging* features articles and illustrations that emphasize selecting the appropriate modality and using neuroimaging techniques to improve patient care. It is conveniently available in print and online as part of your ASN membership. *Clinical Neuroimaging* is an open access publication that features practice-focused articles covering various subspecialties and imaging modalities that seeks to improve patient-centered care outcomes, emphasizing quality, safety, patient satisfaction, and customer service.

Please know that our membership welcomes students, trainees, APPs, sonographers, scientists, industry, and practicing physicians to join us to learn, appreciate and leverage the exciting field of neuroimaging.

As a long time member of the AMA House of Delegates, we encourage all our eligible members to also join AMA to help advocate for our mission.

We look forward to seeing you in Dallas! Please mark your calendars for the 2026 Annual Meeting, which will be held January 16-18, 2026 in Puerto Rico.

Sincerely,



**Ryan Hakimi, DO, MS, NVS, RPNI, CPB, FNCS, FCCM, FAAN**  
*President*



**Jennifer McVige, MD, MA, FASN**  
*Vice President and Program Chair*



# CE Information and Disclosure Statement

## Acknowledgment of Financial Commercial Support

No financial commercial support was received for this educational activity.

## Acknowledgment of In-Kind Commercial Support

No in-kind commercial support was received for this educational activity.

## Satisfactory Completion

Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

## Joint Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Amedco LLC and American Society of Neuroimaging. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCM), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Professions in scope for this activity are listed below.

Amedco Joint Accreditation Provider Number: 4008163

## Physicians

Amedco LLC designates this live activity for a maximum of 20.75 AMA PRA Category 1 Credits™ for physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Objectives - After Attending This Program You Should Be Able To

1. Recognize, identify, differentiate and interpret diseases of the nervous system based on interpretations of neuroimages.
2. Using clinical data identify the correlation of the data with information derived from the various methods used to image the nervous system and related structures to treat various disorders of the nervous system.
3. Review ultrasound techniques and discuss the recent advances and new technologies.

## Disclosure of Conflict of Interest

The following table of disclosure information is provided to learners and contains the relevant financial relationships that each individual in a position to control the content disclosed to Amedco. All of these relationships were treated as a conflict of interest and have been resolved. (C7 SCS 6.1-6.2, 6.5)

All individuals in a position to control the content of CE are listed in the program book. If their name is not listed to the right, they disclosed that they had no financial relationships with a commercial interest.

## How to Get Your Certificate

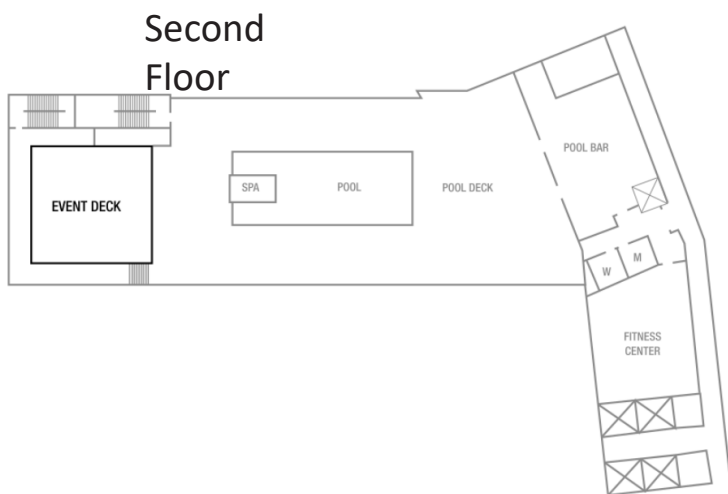
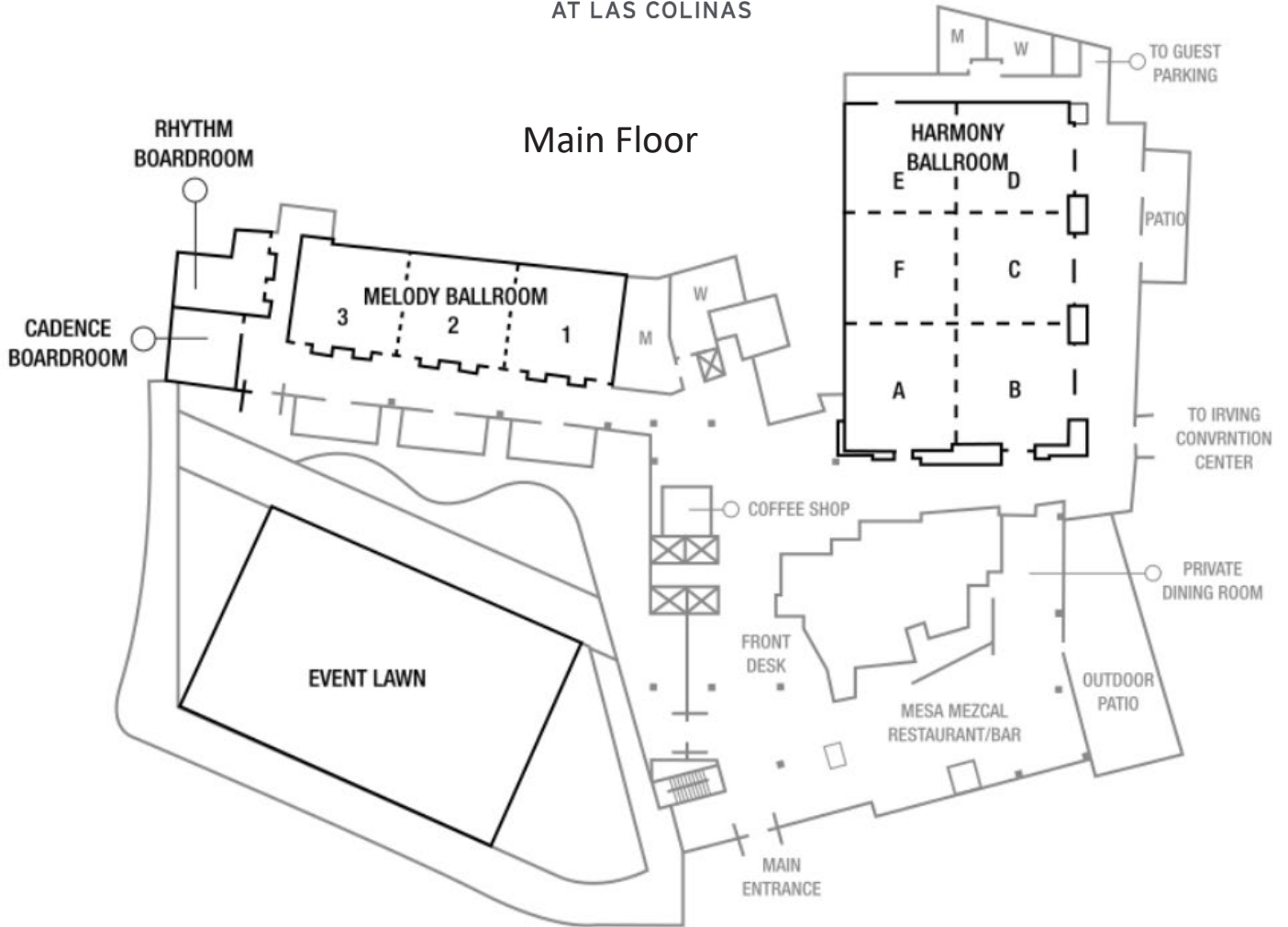
1. Go to [asn.cmecertificateonline.com](http://asn.cmecertificateonline.com)
2. Click on the 2025 American Society of Neuroimaging Annual Meeting link.
3. Evaluate the meeting.
4. Print, download, or save your certificate for your records.
5. If you lose your certificate, or need help, go to <http://help.cmecertificateonline.com>

Name .....	Commercial Interest: Relationship
Daniel Adams.....	N/A
Bela Ajtai .....	Lilly:Speakers Bureau,Eisai:Speakers Bureau, Biogen:Research Grant Site Principal Investigator
Andrei Alexandrov .....	TBD
Anne Alexandrov .....	N/A
Rohit Bakshi .....	Brigham and Women's Hospital: Employee, Novartis:Research Grant Site Principal Investigator,EMD Serono:Consultant,EMD Serono: Research Grant Site Principal Investigator,Bristol Myers Squibb:Research Grant Site Principal Investigator
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Cheryl Bushnell.....	Care Directions, LLC:Private Stock Shareholder
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Colleen Douville.....	TBD
Sarvin Es Haghi.....	N/A
Joseph Fritz .....	Neurodiscovery AI:Consultant, NeuroNetPro:Owner
Zsolt Garami.....	Longeviti:Scientific/Medical Advisory Board Member,Tienovix:Scientific Medical Advisory Board Member
Richard Genova.....	N/A
Camilo Gomez.....	N/A
Zain Guduru .....	N/A
Ryan Hakimi .....	RAPID AI:Other
Alexis Hartigan.....	N/A
Mausaminben Hathidara.....	N/A
Archana Hinduja .....	N/A
Mohammad Hirzallah.....	N/A
Courtney Hrdlicka .....	TBD
Marge Hutchisson .....	N/A
Spencer Hutto .....	N/A
Gregory Kapinos.....	TBD
Nidhi Kapoor.....	TBD
Josh Klein.....	N/A
Gyan Kumar.....	Oculus Imaging:Consultant,AZMB: Consultant
Laurent Logan .....	N/A
Shradha Mainali.....	ImageMonitoring USA:Research Grant Site Principal Investigator
Sishir Mannava.....	occlutech, llc:Other,boston scientific:Research Grant Site Principal Investigator
Diane McLaughlin.....	N/A
Jennifer McVige.....	NeuroDiscovery AI:Public Stock Shareholder
Laszlo Mechtler.....	N/A
Marina Mir.....	N/A
Obadah Nakawah.....	N/A
Andrea Powell .....	N/A
Adnan Qureshi.....	TBD
Larry Raber.....	N/A
Brenda Rinsky.....	N/A
Rohini Samudralwar .....	Genentech:Other,EMD Serono:Other
Aarti Sarwal.....	Image monitoring, Inc(Viasonix):Research Grant Site Principal Investigator,Butterfly, Inc:Research Grant Site Principal Investigator,Stimdia, Inc: Consultant,Sheinkei, Inc:Consultant
Reza Bavarsad Shahripour .....	N/A
Rohan Sharma .....	N/A
Erika Sigman .....	N/A
Jimmy Suh .....	N/A
Kara Swafford.....	N/A
Ammar Tarabichi .....	TBD
Gabriel Torrealba-Acosta .....	N/A
Parth Upadhyaya.....	N/A
Tammy Whaley.....	N/A
Dawn Whyte .....	N/A
Shannon York.....	N/A

# Venue Map

## THE WESTIN


IRVING  
CONVENTION CENTER  
AT LAS COLINAS



# Program at a Glance

subject to change

CME Credit Key

 Ultrasound CME


## FRIDAY, JANUARY 17, 2025


8:00 am – 9:00 am **Breakfast With Exhibitors** | [Harmony CF](#)


8:00 am – 8:45 am **Siemens Healthineers Sponsored Program | [Harmony E](#)**  
**Alzheimer's Disease Neuroimaging:  
Case-Based PET and MRI Approach**  
Ana M. Franceschi, MD, PhD  
*Donald and Barbara Zucker School of Medicine at Hofstra/Northwell*

9:00 am – 9:50 am  **The Most Impactful Articles in JON and CNI:  
2023 - 2024 Year in Review** | [Harmony AB](#)  
Rob Bakshi, MD  
*Brigham and Women's Health*  
Aarti Sarwal, MD, RPNI  
*Virginia Commonwealth University*

### 10:00 am – 12:00 pm **Breakout Sessions**

10:00 am – 11:00 am  
 **TCD Utilization in the Management  
of Sickle Cell Disease: From STOP to  
ASH** | [Harmony AB](#)  
Sishir Mannava, MD, RPNI  
*UT Houston*

11:00 am – 11:30 am  
 **Carotid Stenosis- Case Based  
Studies in Ultrasound** | [Harmony AB](#)  
Mausaminben Hathidara, MD  
*University of Pittsburgh Medical Center*

11:30 am – 12:00 pm  
 **TCCS Using ICU POCUS Machines**  
[Harmony AB](#)  
Gregory Kapinos, MD, RPNI, FASN  
*Icahn School of Medicine at Mount Sinai*

12:15 pm – 1:15 pm  
**Eli Lilly & Company Sponsored Lunch**  
[Harmony AB](#)  
**The Role of Neuroimaging in  
Diagnosing Alzheimer's Disease and  
Monitoring Treatment Safety**  
Ana M. Franceschi, MD, PhD  
*Donald and Barbara Zucker School of  
Medicine at Hofstra/Northwell*

10:00 am – 10:30 am  
**The Neuroimaging Workup of the  
Patient with Cognitive Impairment  
with MRI, PET, and Biomarkers**  
[Harmony D](#)  
Obadah Nakawah, MD, FAAN  
*Houston Methodist*

10:30 am – 11:00 am  
**Abnormal Findings in the  
Neuroimaging of Patients with  
Cognitive Impairment** | [Harmony D](#)  
Bela Atjai, MD  
*The DENT Neurological Institute*

11:00 am – 11:30 am  
**The Spectrum of Cerebral Amyloid  
Beta Related Inflammatory Disorders**  
[Harmony D](#)  
Rohan Sharma, MD  
*Mayo Clinic Jacksonville*

11:30 am – 12:00 pm  
**Program for Implementing Dementia  
Therapies: How to Install and Operate  
MRI & PET** | [Harmony D](#)  
Joe Fritz, PhD  
*The DENT Neurological Institute*

1:15 pm – 1:45 pm

**Break With Exhibitors | Harmony CF**

1:45 pm – 4:00 pm

**Breakout Sessions**

1:45 pm – 2:30 pm

**Use of TCD in the Evaluation of Stroke in the Young | Harmony AB**

Kara Swafford, MD, RPNI  
*University of Kentucky*

Cheryl Bushnell, MD  
*Wake Forest University*

1:45 pm – 3:45 pm

**Introduction to Amyvid Reader Training | Harmony E**

2:30 pm – 3:15 pm

**Is TCD Still Useful with CTA/DSA Availability in Acute Stroke?**

**Harmony AB**  
Parth Upadhyaya, DO  
*UT Southwestern*

Andrei Alexandrov, MD, RPNI, NVS  
*University of Arizona*

3:15 pm – 4:00 pm

**TCD Bubble Studies: A Systemic Review | Harmony AB**

Gyan Kumar, MD, RPNI  
*Mayo Clinic Scottsdale*

1:45 pm – 2:30 pm

**The Use of Neuroimaging in Evaluating Patients with Movement Disorders**

**Harmony D**  
Zain Guduru, MD  
*University of Kentucky*

2:30 pm – 3:15 pm

**Neuroimaging of Primary and Secondary Headaches: A Systemic Review | Harmony D**

Laszlo Mechtler, MD, FAAN, FEAN, FASN, FAHS  
*The DENT Neurological Institute*

3:15 pm – 4:00 pm

**Neuroimaging of Non-Verbal Patients: How to Determine the Plan**

**Harmony D**  
Jennifer McVige, MD  
*The DENT Neurological Institute*

4:00 pm – 5:30 pm

**President's Reception, Business Meeting, Abstract Award Presentation, & Posters with Exhibitors | Harmony CF**

Sponsored by Siemens Healthineers

5:00 pm – 7:00 pm

**Hands-on TCD Workshop: An Introduction | Harmony E**

Jimmy Suh, MD  
*Medical University of South Carolina*

Richard Genova, RVT, NVS  
*Weill Cornell Medical Center*

6:30 pm – 8:30 pm

**Wake Forest 50th Anniversary Celebration | Mesa Mezcal PDR**

Co-Sponsored by  
American Society of Neuroimaging and Wake Forest University School of Medicine



# SATURDAY, JANUARY 18, 2025

7:00 am – 9:00 am **Hands-on TCD Workshop 2: Advanced** | [Harmony E](#)

Jimmy Suh, MD  
*Medical University of South Carolina*  
Richard Genova, RVT, NVS  
*Weill Cornell Medical Center*

8:00 am – 9:00 am **Breakfast With Exhibitors** | [Harmony CF](#)

9:00 am – 11:30 am **Breakout Sessions**

9:00 am – 9:30 am  
**Transcranial Doppler Artifacts**  
[Harmony AB](#)  
Courtney Hrdlicka, MD, RPNI  
*Mayo Clinic Scottsdale*

9:30 am – 10:15 am  
**Neurovascular Ultrasound for Giant Cell Arteritis: Temporal Artery Ultrasound** | [Harmony AB](#)  
Dawne Whyte, RVT, NVS  
*Sunnybrooke*

10:15 am – 10:45 am  
**Carotid Duplex Artifacts**  
[Harmony AB](#)  
Courtney Hrdlicka, MD, RPNI  
*Mayo Clinic Scottsdale*

10:45 am – 11:30 am  
**Utilization of Intravascular Ultrasound (IVUS) in Neurointerventional Procedures** | [Harmony AB](#)  
Adnan Qureshi, MD  
*University of Missouri*

9:00 am – 9:30 am  
**Angiographic Cerebrovascular Anatomy** | [Harmony D](#)  
Camilo Gomez, MD  
*University of Missouri*

9:30 am – 10:15 am  
**Neuroendovascular Rescue for Acute Ischemic Stroke: State of the Art & Outlook** | [Harmony D](#)  
Camilo Gomez, MD  
*University of Missouri*

10:15 am – 10:45 am  
**Microcirculatory Rescue & No Reflow in Acute Stroke Intervention**  
[Harmony D](#)  
Adnan Qureshi, MD  
*University of Missouri*

10:45 am – 11:30 am  
**Neuroimaging of Neuromyelitis Optica Spectrum Disorder** | [Harmony D](#)  
Rohini Samudralwar, MD  
*University of Pennsylvania*

11:30 am – 12:00 pm **Break With Exhibitors** | [Harmony CF](#)

12:00 pm – 1:00 pm **Amgen Sponsored Lunch: Uplizna Spotlight on an Effective NMOSD** | [Harmony AB](#)  
Aram Zabeti, MD  
*University of Cincinnati*

1:00 pm – 4:00 pm **Breakout Sessions**

1:00 pm – 1:30 pm  
**Post Thrombectomy Neurovascular Ultrasound: What's on the Horizon**  
[Harmony AB](#)  
Shraddha Mainali, MD  
*Virginia Commonwealth University*

1:00 pm – 1:30 pm  
**Differentiation of Acquired CNS Demyelinating Disease by MRI Findings** | [Harmony D](#)  
Rohini Samudralwar, MD  
*University of Pennsylvania*

*continued on page 8*

1:30 pm – 2:00 pm  
**Risk Management and The Importance of Certification as an Interpreting Physician** | [Harmony AB](#)  
Ryan Hakimi, DO, MS, NVS, RPNI, CPB, FNCS, FCCM, FAAN  
*University of South Carolina School of Medicine Greenville*

2:00 pm – 2:45 pm  
**Comprehensive Stroke Centers are Rarely Accredited in Diagnostic Vascular Testing** | [Harmony AB](#)  
Sarvin Es Haghi, MD  
*Prisma Health-Upstate*  
Marge Hutchisson, BS, RVT, RDCS, RPhS  
*Intersocietal Accreditation Commission*

2:45 pm – 3:15 pm  
**Optic Nerve Sheath: Expert Consensus Guidelines** | [Harmony AB](#)  
Mohammad Hirzallah, MD  
*Baylor College of Medicine*

3:15 pm – 4:00 pm  
**TCD During Cardiovascular Procedures: How to Add Value as an RPNI and NVS** | [Harmony AB](#)  
Zsolt Garami, MD  
*Houston Methodist*

1:30 pm – 2:00 pm  
**Inflammatory Tumefactive Lesions of the CNS** | [Harmony D](#)  
Spencer Hutto, MD  
*Emory Healthcare*

2:00 pm – 2:45 pm  
**Role of MR and PET Imaging in Autoimmune Encephalitis** | [Harmony D](#)  
Denis Balaban, MD  
*Massachusetts General Hospital*

2:45 pm – 3:15 pm  
**APP/Resident/Early Career Physician Welcome: Making Your Mark as a Vascular and Structural Neuroimager** | [Harmony D](#)  
Bavarsad Shahripour, MD, RPNI, FAHA  
*UC San Diego Health*  
Laszlo Mechtler, MD, FAAN, FEAN, FASN, FAHS  
*The DENT Neurological Institute*

3:15 pm – 4:00 pm  
**Essentials of Stroke Neuroimaging for APPs, Trainees, & General Neurologists** | [Harmony D](#)  
Anne Alexandrov, PhD, CCRN, ACAGNP-BC, FAAN  
*UTHSC at Memphis*

4:00 pm – 4:45 pm  
**Reception with Exhibitors, Lifetime Achievement Award Presentation, & Silent Auction** | [Harmony CF](#)

4:45 pm – 5:30 pm  
**Test Your Neuroimaging Knowledge: Jeopardy** | [Harmony AB](#)  
Sishir Mannava, MD  
*UT Houston*  
Zain Guduru, MD  
*University of Kentucky*  
Josh Klein, MD, PhD  
*Brigham and Women's Hospital*


7:00 pm – 9:00 pm  
**Night Out in Dallas**  
Sponsored by The DENT  
Guests are invited for dinner and drinks at KOMODO Dallas, 2550 Pacific Avenue, Dallas, Texas 75226

# SUNDAY, JANUARY 19, 2025


7:00 am – 9:00 am **Breakfast** | [Harmony CF](#)

8:00 am – 12:30 pm **Breakout Sessions**

8:00 am – 9:00 am

 **Focused TCCS in DNC: Supra-Versus Infra-tentorial Flow Velocities in Ancillary Testing** | [Harmony AB](#)  
Gregory Kapinos, MD, RPNI, FASN  
*Icahn School of Medicine at Mount Sinai*


9:00 am – 10:00 am

 **Neuro POCUS Fundamentals Demonstration** | [Harmony AB](#)  
Diane McLaughlin, DNP, AGACNP-BC, FNCS, FCCM  
*Mayo Clinic, Jacksonville*  
**Marina Mir, MD**  
*McGill University*


10:00 am – 11:00 am

 **Role of TCD in Asymptomatic Carotid Stenosis** | [Harmony AB](#)  
Laurent Logan, MD  
*Medical College of Wisconsin*

11:00 am – 11:45 am

 **The Use of Serial TCD in the Management of Intracranial Hypertension** | [Harmony AB](#)  
Ryan Hakimi, DO, MS, NVS, RPNI, CPB, FNCS, FCCM, FAAN  
*University of South Carolina School of Medicine Greenville*

11:45 am – 12:30 pm

 **Technical Considerations for the Use of TCD in Evaluation of Cerebral Circulatory Arrest (Death by Neurological Criteria)** | [Harmony AB](#)  
Jimmy Suh, MD  
*Medical University of South Carolina*

8:00 am – 9:00 am

**How to Read CT & MRI: From Anatomy to the Approach** | [Harmony D](#)  
Laszlo Mechtler, MD, FAAN, FEAN, FASN, FAHS  
*Dent Neurological Institute*

9:00 am – 10:00 am

**Case Studies in Demyelinating Disorders** | [Harmony D](#)  
Spencer Hutto, MD  
*Emory Healthcare*

10:00 am – 11:00 am

**Case Studies in Epilepsy** | [Harmony D](#)  
Nidhi Kapoor, MD  
*Creighton University Medical Center*

11:00 am – 11:45 am

**Case Studies in Neurodegenerative Conditions** | [Harmony D](#)  
Ammar Tarabichi, MD  
*The DENT Neurological Institute*

11:45 am – 12:30 pm

**Case Studies in Cerebrovascular Disease** | [Harmony D](#)  
Archana Hinduja, MD  
*The Ohio State University Wexner Medical Center*

# Thank you to our Sponsors & Exhibitors!

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# 1 YEAR NEUROIMAGING FELLOWSHIP PROGRAM

***Be the Best Neurologist you can be with a Neuroimaging Fellowship***

A one-year Neuroimaging Fellowship is offered by the Dent Neurologic Institute beginning in July of each year. This Fellowship is based in the largest outpatient neurology practice in the United States and includes, MRI and CT of the head and spine.

Emphasis is placed on the basic science of Neuroimaging, clinical interpretation of studies, and Neuroimaging research.

***Program Director: Dr. Laszlo Mechtler***

**To Apply or Learn More Contact**

Maria Caserta at 716.310.1684  
mcaserta@dentinstitute.com



**NEUROIMAGING FELLOWSHIP Accredited through UCNS (United Council for Neurologic Subspecialties) 1 year paid Fellowship with benefits Full-Time preferably July to June Attendance to the ASN Annual meeting Access to Neuroimaging Teaching Files (1000s of cases)**



# THE ROLE OF NEUROIMAGING IN DIAGNOSING ALZHEIMER'S DISEASE AND MONITORING TREATMENT SAFETY

**DATE:** Friday, January 17 **TIME:** 12:15–1:15pm CT



## PRESENTED BY:

**Ana Franceschi, MD, PhD**

Associate Professor, Neuroradiology  
Lenox Hill Hospital  
Northwell Health



## MEETING OBJECTIVES

### Explore

the neuropathological changes in Alzheimer's disease (AD) and the role of amyloid-targeting therapies (ATTs) in its treatment

### Review

the imaging modalities used to support the detection and diagnosis of AD

### Discuss

the importance of treatment safety monitoring in the ATT treatment journey, focusing on the use of magnetic resonance imaging for the detection and monitoring of amyloid-related imaging abnormalities

### Explore

the roles of imaging healthcare professionals and neurologists in the ATT treatment journey

# Silent Auction

The ASN Annual Meeting will feature a selection of Silent Auction Items with proceeds benefitting the ASN Foundation and Poster Award Program. Bid on your favorite items while supporting ASN!

**HP 14 inch  
Windows Laptop  
Intel Celeron N4120  
4GB RAM  
64GB eMMC  
Silver  
(12-mo. Microsoft 365 Included)**  
Value: \$250



**Tulum Allure - 4 nights for up to 6 guests in a luxurious private villa in exclusive Aldea Zama.**  
Value: \$4,500



**Beats Solo 4**  
Value: \$100



**Beats Studio Buds**  
Value: \$60



**Hatch Restore 2**  
Value: \$170



**2024 Echo Pop**  
Value: \$40



**Signed Duke basketball**  
Value: \$300



**Airpods Pro**  
Value: \$190



**Signed Photo-Michael Harris II**  
Value: \$100



# Annual Meeting Objectives

	Be familiar with deployment of ML and AI in imaging of acute brain injury.
	Specific examples in the context of perivascular space identification, HIBI prediction, GSW to the head imaging.
	Decide when an ancillary test is required or would be beneficial in brain death testing.
	Anticipate the potential pitfalls associated with the use of ancillary testing in brain death.
	Describe the importance of neuroimaging studies in the evaluation of epileptic disorders.
	Discuss how neuroimaging results influence treatment decisions and patient management.
	Recognize Imaging Predictors of Recovery after stroke.
	Understand Future Direction of research pertaining to imaging of stroke recovery.
	Discuss Neuroimaging to guide diagnosis in Myelopathy.
	Appraise Neuroimaging of vascular pathologies.
	Identify imaging characteristics for neuromyelitis optica.
	Know the diagnostic criteria of neuromyelitis optica
	List the various neuroimaging imaging modalities used in epilepsy patients.

	List the neuroimaging techniques used in epilepsy surgery planning.
	Understand the echogenic pattern of the various brain structures depends on the angle of insonation.
	Use power duplex echoencephalography to improve recognition of normal and pathologic anatomy.
	Identify orbital abnormalities that occur in conjunction with CNS inflammatory processes.
	Recognize patterns of extra-ocular muscle enlargement.
	Describe the common ways in which demyelinating, rheumatologic, paraneoplastic, and infectious diseases affect the spinal cord.
	Utilize abnormalities on MRI of the spine in combination with time to disease nadir to prioritize the differential diagnosis of myelopathy.
	Describe various movement disorders cases and associated neuroimaging.
	Discuss when neuroimaging should be obtained in cases with movement disorders.
	Identify TCD waveforms correlations with carotid waveforms.
	Understand TCD cases compared to other imaging.

# Sponsored Lunch Presentations



## LUNCH SYMPOSIUM

*Sponsored by Eli Lilly and Company*

**FRIDAY, JANUARY 17, 2025**

**12:15 to 1:15 p.m. | Harmony AB**

### The Role of Neuroimaging in Diagnosing Alzheimer's Disease and Monitoring Treatment Safety

*Presented by: Ana M. Franceschi, MD, PhD*

#### **About The Speaker:**

Ana M. Franceschi, MD, PhD is an Associate Professor at of Radiology at the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell. Dedicated to making significant contributions to the neurological molecular imaging field, she has developed a special emphasis on the advancement of brain positron emission tomography (PET) / magnetic resonance imaging (MRI) and hybrid imaging techniques in dementia and neurodegenerative disease.



## LUNCH SYMPOSIUM

*Sponsored by Amgen Rare Disease*

**SATURDAY, JANUARY 18, 2025**

**12:00 to 1:00 p.m. | Harmony AB**

### Uplizna Spotlight on an Effective NMOSD

*Presented by: Aram Zabeti, MD*

#### **About The Speaker:**

Aram Zabeti, MD is a board-certified neurologist, a recognized multiple sclerosis expert, and an esteemed Director and Endowed Chair at the Waddell Center for Multiple Sclerosis (MS). Dr. Zabeti's extensive knowledge and expertise in the field of neurology, with a particular focus on MS, has significantly contributed to the advancement of MS care.

# ASN 2025 Annual Meeting Faculty

## A

**Daniel Adams, MSHS, CNIM, R.EEG T.**  
VCU Health System  
North Chesterfield, VA

**Andrei Alexandrov, MD, RPNI, NVS**  
University of Arizona  
Phoenix, AZ

**Anne Alexandrov, PhD, AGACNP-BC, ANVP-BC, CCRN, FAAN**  
UTHSC Memphis  
Memphis, TN

**Bela Atjai, MD**  
DENT Neurological Institute  
Amherst, NY

## B

**Marc Babi, MD**  
Cleveland Clinic Florida  
Port St. Lucie, FL

**Rob Bakshi, MD**  
Brigham and Women's Health  
Boston, MA

**Denis Balaban, MD**  
Massachusetts General Hospital  
Boston, MA

**Calice Bowen, RVS**  
Medical University of South Carolina  
Charleston, SC

**Cheryl Bushnell, MD**  
Wake Forest University  
Winston-Salem, NC

**Sandra Bustamante**  
Emory University/Grady  
Atlanta, GA

## D

**Colleen M. Douville, BS, RVT, NVS**  
Swedish Neuroscience Institute (Prior)  
Seattle, WA

## F

**Ana M. Franceschi, MD, PhD**  
Donald and Barbara Zucker  
School of Medicine at Hofstra/Northwell  
New York, NY

**Joe Fritz, PhD**  
DENT Neurological Institute  
Amherst, NY

## G

**Zsolt Garami, MD**  
Houston Methodist  
Houston, TX

**Richard Genova, RVT, NVS**  
Weill Cornell Medical Center  
New York, NY

**Camilo Gomez, MD**  
University of Missouri  
Columbia, MO

**Zain Guduru, MD**  
University of Kentucky  
Lexington, KY

## H

**Sarvin Es Haghi, MD**  
Prisma Health-Upstate  
Greenville, SC

**Ryan Hakimi, DO, MS, NVS, RPNI, CPB, FNCS, FCCM, FAAN**  
University of South Carolina School of  
Medicine Greenville  
Greenville, SC

**Alexis Hartigan, BS, RVT**  
Medical University of South Carolina  
Charleston, SC

**Mausaminben Hathidara, MD**  
University of Pittsburgh Medical Center  
Pittsburgh, PA

**Archana Hinduja, MD**  
The Ohio State University  
Wexner Medical Center  
Columbus, OH

**Mohammad Hirzallah, MD**  
Baylor College of Medicine  
Houston, TX

**Courtney Hrdlicka, MD, RPNI**  
Mayo Clinic Scottsdale  
Scottsdale, AZ

**Marge Hutchisson, BS, RVT, RDCS, RPhS**  
Intersocietal Accreditation Commission  
Ellicott City, MD

**Spencer Hutto, MD**  
Emory Healthcare  
Atlanta, GA

## K

**Gregory Kapinos, MD, RPNI, FASN**  
Icahn School of Medicine at Mount Sinai  
Elmhurst, NY

**Nidhi Kapoor, MD**  
Creighton University Medical Center  
Omaha, NE

**Josh Klein, MD, PhD, FANA, FASN**  
Brigham and Women's Hospital  
Boston, MA

**Gyan Kumar, MD, RPNI**  
Mayo Clinic Scottsdale  
Scottsdale, AZ



# ASN 2025 Annual Meeting Faculty

## L

**Nate Lightfoot, DO**  
Saint Luke's Neurology  
Kansas City, MO

**Laurent Logan, MD**  
Medical College of Wisconsin  
Milwaukee, WI

## M

**Shraddha Mainali, MD**  
Virginia Commonwealth University  
Richmond, VA

**Christine Mann, MBA**  
DENT Neurological Institute  
Amherst, NY

**Sishir Mannava, MD, RPNI**  
UT Houston  
Houston, TX

**Diane McLaughlin, DNP,  
AGACNP-BC, FNCS, FCCM**  
Mayo Clinic, Jacksonville  
Jacksonville, FL

**Jennifer McVige, MD**  
Dent Neurological Institute  
Amherst, NY

**Laszlo Mechtler, MD, FAAN, FEAN,  
FASN, FAHS**  
DENT Neurological Institute  
Amherst, NY

**Marina Mir, MD**  
McGill University  
Montreal, Quebec

## N

**Obadah Nakawah, MD, FAAN**  
Houston Methodist  
Houston, TX

## Q

**Adnan Qureshi, MD**  
University of Missouri  
Columbia, MO

## R

**Larry N. Raber, RDMS, RVT, RT(R)**  
Cleveland Clinic  
Columbia Station, OH

**Brendy Rinsky, NVS, RVT, RDMS**  
Cedar Sinai  
Los Angeles, CA

## S

**Rohini Samudralwar, MD**  
University of Pennsylvania  
Philadelphia, PA

**Aarti Sarwal, MD, RPNI**  
Virginia Commonwealth University  
Richmond, VA

**Bavarsad Shahripour, MD, RPNI,  
FAHA**  
UC San Diego Health  
San Diego, CA

**Rohan Sharma, MD**  
Mayo Clinic Jacksonville  
Jacksonville, FL

**Erika Sigman, MD**  
Emory University/Grady  
Atlanta, GA

**Jimmy Suh, MD**  
Medical University of South Carolina  
Charleston, SC

**Kara Swafford, MD, RPNI**  
University of Kentucky  
Lexington, KY

## T

**Ammar Tarabichi, MD**  
Dent Neurological Institute  
Amherst, NY

**Gabriel Torrealba-Acosta, MD**  
Duke University  
Durham, NC

## U

**Parth Upadhyaya, DO**  
UT Southwestern  
Dallas, TX

## W

**Dawne Whyte, RVT, NVS**  
Sunnybrooke  
Ontario, Canada

## Y

**Shannon York, BS, RVT, RDCS**  
Sky Vascular Consulting  
Columbia, SC

## Z

**Aram Zabeti, MD**  
University of Cincinnati  
Cincinnati, OH

# Accepted Abstracts

- P1: Comprehensive Stroke Centers Are Rarely Accredited In Diagnostic Vascular Testing**  
**Sarvin Es Haghi, MD**  
University of South Carolina School of Medicine- Greenville,  
Department of Medicine, Neurology Division, Prisma Health, Greenville, South Carolina
- P2: Quantitative Susceptibility Mapping Predicts Cognitive Performance**  
**Oana Dumitrascu, MD**  
Mayo Clinic, Scottsdale, Arizona
- P3: Endovascular Cerebral And Intracardiac Thrombectomy In A Young Patient With Right Atrial Thrombus And Stroke**  
**Roswald Vilchez, MD**  
University of South Carolina School of Medicine- Greenville,  
Department of Medicine, Neurology Division, Prisma Health, Greenville, South Carolina
- P4: Pre-Treatment Infarct Topography Is Associated With Risk Of Hemorrhagic Transformation After Thrombectomy: A Bayesian Analysis**  
**Robert Regenhardt, MD**  
Massachusetts General Hospital, Boston, Massachusetts
- P5: Cortical Superficial Siderosis Is Associated With Poor Functional Outcomes In Cerebral Amyloid Angiopathy-Related Intracerebral Hemorrhage**  
**Robert Regenhardt, MD**  
Massachusetts General Hospital, Boston, Massachusetts
- P6: Using A Rule-Based Algorithm To Detect Cerebral Microbleeds In Quantitative Susceptibility Mapping**  
**Hogan Choi**  
Northeastern University, Boston, Massachusetts
- P7: High Intensity Transient Signals Predicting Ischemic Events In Cervical Artery Dissection: Retrospective Study Of 34 Patients**  
**Yasaman Pirahanchi, MD**  
University of California San Diego, San Diego, California
- P8: Voxel-Based Morphometry Of Temporal Lobe Epilepsy For Detection Of Impaired Consciousness**  
**Rhyana Mahatsente**  
Northridge High School, Tuscaloosa, Alabama
- P9: A Novel Biomarker For Predicting Acute Stroke Reversibility: Ai-Derived Net Water Uptake From Non-Contrast Ct**  
**Jonathon Cummock, MD, PhD**  
Houston Methodist Research Institute, Houston, Texas  
Texas A&M University School of Medicine, Bryan, Texas

**P10: The Usefulness Of Power Doppler Echoencephalography In Early Diagnosis Of Stroke In Neonates**

**Paul Maertens, MD**

University of South Alabama, Mobile, Alabama

**P11: A Novel Use Of Rimegepant In The Treatment Of Postherpetic Neuralgia**

**Rick Magun, MD**

Dent Neurology, Buffalo, New York

**P12: From Epidural Injection To Spinal Cord Infarction (Sci): A Rare Case Of Cervical Myelopathy**

**Sai Tammineedi, MD**

Kamineni Institute of Medical Sciences, Telangana, India

Massachusetts General Hospital, Boston, Massachusetts

**P13: Not All That Bright On Dwi Is Stroke: Unveiling Clocc In Status Epilepticus**

**Aakanksha Pitliya, MD**

Mercy Fitzgerald Hospital, Darby, Pennsylvania

**P14: Impact Of Dental Metallic Materials On 7.0t Brain Magnetic Resonance Imaging**

**Celine Dumitrascu**

Mayo Clinic, Scottsdale, Arizona

Basis, Scottsdale, Arizona

**Neurosonology (RPNI) Examination**

Upcoming Examination Dates

February 5-11, 2025

October 8 - 14, 2025

February 4-10, 2026

Registration Rates

Physician Member: \$1,250

Physician Non-Member: \$1,750

Physician in Training Member: \$995

Physician in Training Non-member: \$1,400

**Neurovascular Specialist (NVS) Examination**

Upcoming Examination Dates

February 5-11, 2025

October 8 - 14, 2025

February 4-10, 2026

Registration Rates

Current ASN Member: \$200

Non-Current ASN Member: \$250

For more information, visit [www.asnweb.org](http://www.asnweb.org) or contact Andrea Powell at [andrea@asnweb.org](mailto:andrea@asnweb.org)

# 2025 Award Winners

## OLDENDORF AWARD

*The Oldendorf Award is for the best abstract submitted by a student, resident or fellow that is based in basic or clinical research in CT, MRI, SPECT or PET.*

**Jonathan Cummock, MD, PhD**

## MCKINNEY AWARD

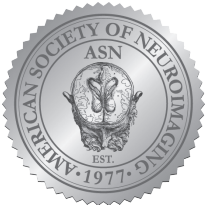
*The McKinney Award is for the best abstract submitted by a student, resident or fellow that is based in basic or clinical research in Neurosonology.*

**Yasaman Pirahanchi, MD**

## RESIDENT AWARD

*The Resident Award is for excellence of abstract presented by a resident in a neurology program.*

**Hogan Choi**



# Join the American Society of Neuroimaging

Renew your membership at the Annual Meeting and receive a **FREE ASN t-shirt**

ASN invites attending physicians, residents, fellows, advanced practice providers and neurovascular technologists to join our community.

## MEMBERS GET MORE!

- **Education**

We offer the only conference in the US focused specifically on Neuroimaging education, including opportunities to earn CME credits specific to MR/CT and Neurovascular ultrasound.

- **Advocacy**

We represent the interests of neuroimagers in the American Medical Association's House of Delegates and tackle issues that threaten self-referral.

- **Certification**

We offer the only physician and neurovascular technologist certification programs in Neurosonology allowing you to elevate your practice and recognize your expertise in Applied Principles of Physics and Fluid Dynamics, Carotid Duplex, Transcranial Doppler. A Certification program for Neurovascular Technologists is expected to launch in 2018.

- **Networking**

We connect you to other medical professionals who use neuroimaging in their day-to-day clinical practice via our Annual Meeting and membership directory.

- **Professional Development**

We have opportunities for you to get involved on committees, which allow you to sharpen your volunteer skills.

## FELLOWSHIP IN THE AMERICAN SOCIETY OF NEUROIMAGING (FASN)

Fellowship in the American Society of Neuroimaging (FASN) is meant to recognize individuals who have made significant contributions to the field of neuroimaging and have impacted the growth and practice of neuroimaging at a regional and national level.

## CURRENT FELLOWS

Angelo Alves, MD, PhD, FASN \* (deceased)

Patrick Capone, MD, PhD, FASN

John Choi, MD, FASN

Gregory Kapinos, MD, MS, FASN

William Kinkel, MD, FASN \* (deceased)

Joshua Klein, MD, PhD, FANA, FASN

Tomasz Kosierkiewicz, MD, FASN

Gyanendra Kumar, MD, FASN

Jennifer McVige, MD

Laszlo Mechtler, MD, FAAN, FASN

Erasmus Passaro, MD, FASN

Methil Pradeep, MD, FRCP, FACP, FASN

Aarti Sarwal, MD, FNCS, FAAN

Gabriella Szatmary, MD, PhD, FASN

Mohammed Zafar, MD, FASN

ASN members with active memberships for at least five years and who have attended at least three ASN Annual Meetings are encouraged to apply. For the full list of criteria and to complete an application, visit [www.asnweb.org](http://www.asnweb.org) or email [tammy@asnweb.org](mailto:tammy@asnweb.org).



# SAVE THE DATE

**2026 ASN  
ANNUAL MEETING**  
**PUERTO RICO | JANUARY 16-18**

