

The Society of Neurological Surgeons 2025 Annual Meeting



PRELIMINARY PROGRAM

Cleveland
OHIO
MAY 16-18, 2025



ADVANCE REGISTRATION DEADLINE: APRIL 10, 2025

Jointly provided by the Congress of Neurological Surgeons



CNS



The Society of Neurological Surgeons

JOIN US FOR THE 116TH ANNUAL MEETING
– MAY 16-18, 2025 –



Nathan R. Selden, MD, PhD
President



Richard W. Byrne, MD
President Elect



Oren Sagher, MD
Vice President



Gregory J. Zipfel, MD
Secretary



Linda M. Liau, MD, PhD, MBA
Treasurer



Randy L. Jensen, MD, PhD
Program Chair



Michael P. Steinmetz, MD
Local Host



Deborah L. Benzil, MD
Local Host

HOSTED BY:

Cleveland Clinic
Department of Neurosurgery

SNS MISSION/PROGRAM PURPOSE

The Society of Neurological Surgeons holds as its principal mission:

To advance the quality of care of neurosurgical patients by promoting excellence in education and research.

The Society fulfills its mission by pursuing the following goals:

- Streamline the process by which resident applicants are reviewed by understanding the latest data on the predictive value of the various components of the application.
- Recall the latest training program standards and trainee education opportunities and needs.
- Create novel programs to foster leadership and innovation.

At the conclusion of the 2025 SNS Annual Meeting, participants will be able to:

- Implement an effective strategy to screen applicants to the field of neurosurgery.
- Innovate programs to help develop resident trainees as educators during their time as residents to supplement the core objective of neurosurgery residency; learning neurosurgery knowledge and techniques.

This live meeting, titled *Reimagining Professionalism*, will include lectures by renowned specialists and invited speakers, workshops, panel discussions, and opportunities for questions and answers. Attending neurosurgeons and program directors involved in neurosurgical residency training and graduate medical education are the intended audience for this program.

ACCREDITATION STATEMENT



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 the Congress of Neurological Surgeons (CNS) and the Society of Neurological Surgeons. The CNS is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA CATEGORY 1 CREDITS™ DESIGNATION STATEMENT

The CNS designates this live activity for a maximum of 18.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MEETING AGENDA

THURSDAY, MAY 15, 2025

4:00-6:00 pm

REGISTRATION
Grand Assembly

FRIDAY, MAY 16, 2025

7:00-8:00 am

BREAKFAST
Exhibit Hall

7:00 am-3:30 pm

REGISTRATION
Grand Assembly

8:00-9:30 am

SESSION 1: RESIDENCY
MODERATORS: Randy L. Jensen, MD, PhD and Mark R. Proctor, MD
Grand Ballroom

8:00-8:10 am

Welcome and Opening Remarks
Nathan R. Selden, MD, PhD

8:10-8:15 am

Residency Curricular Pathways: Audience Polling
Mark D. Johnson, MD, PhD

8:15-8:25 am

PGY-7: The Current Trends in Neurosurgical Training
Ricardo B.V. Fontes, MD, PhD

8:25-8:35 am

Considering a 6+1 Design: Optimal Planning and Adoption
Ricardo J. Komotar, MD

8:35-8:45 am

Considering a 6+1 Design: Strategies for Surgeon Scientists
Manish K. Aghi, MD, PhD

8:45-8:55 am

Panel Discussion and Questions

8:55-9:05 am

Medical Student Professionalism: Adhering to SNS Application and Interview Guidelines
Lola B. Chambless, MD

9:05-9:15 am

Residency Review Committee Makeover
Richard G. Ellenbogen, MD

9:15-9:25 am

RRC Overview: Changes to Program Review Process
Kristen Ward Hirsch, MBA

9:25-9:30 am

Panel Discussion and Questions

9:30-10:00 am

BREAK
Grand Assembly

MEETING AGENDA

FRIDAY, MAY 16, 2025 – *continued*

10:00-11:30 am

SESSION 2: ESSENTIALS

MODERATORS: Richard W. Byrne, MD and Judy Huang, MD
Grand Ballroom

10:00-10:10 am

CAST: New and Essential Information
Vincent C. Traynelis, MD

10:10-10:20 am

ABNS: New and Essential Information
Howard Riina, MD

10:20-10:30 am

CoRE: New and Essential Information
Nicholas C. Bambakidis, MD

10:30-10:40 am

ARANS Mentorship Project - A Pathway to Success
Katherine Guzman and Rita A. Raio

10:40-10:45 am

Residency Program Administrator Award
Kim J. Burchiel, MD, Nathan R. Selden, MD, PhD, and Gregory J. Zipfel, MD

10:45-10:50 am

Panel Discussion and Questions

10:50-10:55 am

Introduction of Grossman Award Lecture
Nathan R. Selden, MD, PhD

10:55-11:25 am

Grossman Award Lecture
David Huang, MD, PhD

11:25-11:30 am

Q&A

11:30 am-12:30 pm

LUNCH

Exhibit Hall

12:30-4:30 pm

SESSION 3: LEADERSHIP

MODERATORS: Michael P. Steinmetz, MD and Gregory J. Zipfel, MD
Grand Ballroom

12:30-12:35 pm

Global Leadership and Learning Institute (GLLI): Program Introduction
Logan Rife, PhD

12:35-2:35 pm

Crucial Conversations and Conflict Resolution Workshop
Megan M. Jack, MD, PhD, Logan Rife, PhD, and Sarah Woodrow, MD

2:35-2:45 pm

Crucial Conversations as a Leadership Tool
Logan Rife, PhD

MEETING AGENDA

FRIDAY, MAY 16, 2025 – *continued*

2:45-3:15 pm

BREAK

Grand Assembly

3:15-3:20 pm

Introduction of Maestro Welser-Möst

Deborah L. Benzil, MD

3:20-3:50 pm

Silence: A Conversation

Franz Welser-Möst, Randy L. Jensen, MD, PhD, and Shelly D. Timmons, MD, PhD

3:50-4:00 pm

Q&A

4:00-4:10 pm

Neurosurgeon-Scientist Training Program

Linda M. Liau, MD, PhD, MBA

4:10-4:15 pm

K12 Pipeline Accelerator and Neurosurgeon Research Career Development Program

Gregory J. Zipfel, MD

4:15-4:20 pm

Panel Discussion and Questions

4:20-4:25 pm

Distinguished Service Award Introduction

Warren R. Selman, MD

4:25-4:30 pm

Distinguished Service Award

Daniel L. Barrow, MD

4:30-5:30 pm

SNS COMMITTEE MEETINGS

- CAST Committee Van Aken Room
- Committee on Resident Education (CoRE) Glen Room
- Medical Student Committee Severance Room
- Research Committee Humphrey Room

6:00-8:00 pm

WELCOME RECEPTION

**Cleveland Museum
of Natural History**

*See page 13 for
more information*



MEETING AGENDA

SATURDAY, MAY 17, 2025

7:00-8:00 am	BREAKFAST <i>Exhibit Hall</i>
7:00 am-4:00 pm	REGISTRATION <i>Grand Assembly</i>
8:00-10:00 am	SESSION 4: ORGANIZATION MODERATORS: Deborah L. Benzil, MD and Linda M. Liau, MD, PhD, MBA <i>Grand Ballroom</i>
8:00-8:15 am	Host Program Video and Virtual Tour Rebecca L. Achey, MD, Arpan A. Patel, MD, Richard P. Schlenk, and Akshay Sharma, MD
8:15-8:20 am	Cleveland Clinic Welcome Tomislav Mihaljevic and Michael P. Steinmetz, MD
8:20-9:00 am	CLEVELAND CLINIC INSTITUTE MODEL
8:20-8:30 am	View From an Institute Director André G. Machado, MD, PhD
8:30-8:40 am	View From a Chair Dominic Pelle, MD
8:40-8:50 am	View From the Chair of the Satellite Cleveland Clinic Institute Badih Adada, MD
8:50-9:00 am	Panel Discussion and Questions
9:00-10:00 am	INNOVATION AND INTERVENTION
9:00-9:15 am	Private Equity and For-Profit Systems in Healthcare Jim Cotelingam and Tom Hendersen
9:15-9:20 am	Q&A
9:20-9:30 am	The Reality of Physician Wellness Rahul Tendulkar, MD
9:30-9:40 am	Mentoring and Coaching in Neurosurgical Training Edward C. Benzel, MD
9:40-9:50 am	Optimizing the Transition to Practice Ghaith Habboub, MD
9:50-10:00 am	Panel Discussion and Questions

MEETING AGENDA

SATURDAY, MAY 17, 2025 – *continued*

10:00-10:30 am

BREAK

Grand Assembly

10:30 am -12:00 pm

SESSION 5: LEGACY

MODERATORS: Kim J. Burchiel, MD and Martina Stippler, MD

Grand Ballroom

10:30-10:35 am

Introduction of History Lecture

Kim J. Burchiel, MD

10:35-10:55 am

Cleveland, Cushing, and Professionalism at the Birth of American Neurosurgery

Gene H. Barnett, MD

10:55-11:00 am

Q&A

11:00-11:10 am

Medical Education and Residency Training: Need to Know Update

Alexander A. Khalessi, MD, MBA

11:10-11:15 am

Introduction of President Nathan R. Selden, MD, PhD

Richard W. Byrne, MD

11:15-11:50 am

Presidential Address

Nathan R. Selden, MD, PhD

11:50 am-12:00 pm

Passing of the Gavel

Nathan R. Selden, MD, PhD and Richard W. Byrne, MD

12:00-1:00 pm

LUNCH

Exhibit Hall

1:00-2:40 pm

SESSION 6: CHANGE

MODERATORS: Mark D. Johnson, MD, PhD and Oren Sagher, MD

Grand Ballroom

1:00-1:20 pm

Developing Clinical Leaders

James Stoller, MD

1:20-1:30 pm

Q&A

1:30-1:40 pm

Why Grow?

Scott D. Wait, MD

1:40-1:50 pm

Faculty Physician Unions

Patricia B. Raksin, MD

1:50-2:00 pm

Changing Hospital Affiliations: Effects on Residency Programs

William J. Mack IV, MD

MEETING AGENDA

SATURDAY, MAY 17, 2025 – *continued*

- 2:00-2:10 pm **Surviving Layoffs and Hiring Freezes**
Gerald A. Grant, MD
- 2:10-2:20 pm **Surviving Hospital Mergers and Realignment**
E. Antonio Chiocca, MD, PhD
- 2:20-2:30 pm **Surviving Reduced Margins: Maintaining Faculty Recruitment and Program Development**
M. Sean Grady, MD
- 2:30-2:40 pm **Q&A**

2:40-3:10 pm **BREAK**
Grand Assembly

3:10-5:00 pm **SESSION 7: INSTITUTION**
MODERATORS: Lola B. Chambless, MD and E. Antonio Chiocca, MD, PhD
Grand Ballroom

3:10-3:20 pm **Neurosurgery Training**
Peter J. Hutchinson, PhD

3:20-3:55 pm **NEUROSURGEONS IN EXECUTIVE LEADERSHIP: HISTORY AND PANEL INTRODUCTION**
MODERATOR: Nathan R. Selden, MD, PhD
PANELISTS: Alan S. Boulos, MD, Robert S. Carter, MD, PhD, Lawrence S. Chin, MD, Ian F. Dunn, MD, Steven N. Kalkanis, MD, and Jeffrey G. Ojemann, MD

3:55-4:00 pm **Leadership in Neurological Surgery (LeNS) Fellowship**
David D. Limbrick Jr., MD, PhD

4:00-4:05 pm **Introduction of Winn Prize**
E. Sander Connolly Jr., MD

4:05-4:45 pm **Winn Prize Lecture**
Itzhak Fried, MD

4:45-5:00 pm **Q&A**

6:30-9:00 pm **GALA DINNER**
Forest City/Erie Room
See page 13 for more information



MEETING AGENDA

SUNDAY, MAY 18, 2025

7:00 am-1:00 pm	REGISTRATION <i>Grand Assembly</i>
7:00-7:45 am	MEMBERS ONLY BREAKFAST AND BUSINESS MEETING <i>Grand Ballroom</i>
7:00-8:00 am	NON-MEMBERS BREAKFAST <i>Exhibit Hall</i>
8:00-10:00 am	SESSION 8: FUTURE MODERATORS: Sepideh Amin-Hanjani, MD and Richard P. Schlenk, MD <i>Grand Ballroom</i>
8:00-8:10 am	Residency Mission: Defining Your Brand <i>Aviva Abosch, MD, PhD</i>
8:10-8:20 am	Financing Resident Education in an Era of Decreased Hospital Margins <i>Lawrence S. Chin, MD</i>
8:20-8:30 am	Optimizing Program Reputation within National Ranking Systems <i>Daniel M. Sciubba, MD</i>
8:30-8:40 am	Program Director Patient Safety and Quality (PD PQ) Educators Network <i>Christina M. Sayama, MD</i>
8:40-8:45 am	Panel Discussion and Questions
8:45-8:50 am	Introduction of Medical Student Teaching Award
8:50-8:55 am	Medical Student Teaching Award Acceptance
8:55-9:00 am	Introduction of Resident Teaching Award
9:00-9:05 am	Resident Teaching Award Acceptance
9:05-9:10 am	Introduction of Surgeon-Educator Fellows Program and 2023-2024 Fellows <i>Linda W. Bi, MD, PhD</i>
9:10-9:18 am	Surgeon-Educator Fellow: An Assessment of Neurosurgical Educator Needs <i>Debraj R. Mukherjee, MD</i>
9:18-9:26 am	Surgeon-Educator Fellow: From Intuition to Intent: Foundations for the Developing Neurosurgeon Educator <i>Seunggu J. Han, MD</i>
9:26-9:31 am	Panel Discussion and Q&A

MEETING AGENDA

SUNDAY, MAY 18, 2025 – *continued*

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|---------------|---|
| 9:31-9:37 am | Abstract Session: Strides in Gender Equity with Room to Grow: A National Survey of Men and Women in Neurosurgery
Hannah Lemel, MD |
| 9:37-9:43 am | Abstract Session: Intersectionality of Race and Neurosurgeon Sense of Belonging: A Nationwide Survey of Practicing Neurosurgeons
Allan Gordillo, MD |
| 9:43-9:49 am | Abstract Session: Implementation of a Virtual Curriculum for Medical Students Completing Clinical Rotations in Neurosurgery
Debraj R. Mukherjee, MD |
| 9:49-9:55 am | Abstract Session: Closing the Self-Assessment Gap: Implementation of a Cranial Dissection Curriculum among Junior Neurosurgical Residents
Katherine McDaniel, PhD |
| 9:55-10:00 am | Panel Discussion and Q&A |

10:00-10:15 am **BREAK**
General Assembly

10:15 am-12:05 pm **SESSION 9: RESILIENCE**
MODERATORS: Nicholas C. Bambikidis, MD and Kevin M. Cockroft, MD
Grand Ballroom

- | | |
|------------------|---|
| 10:15-10:25 am | Eliminating Bad Actors: Can We Do Better?
Karin M. Muraszko, MD |
| 10:25-11:25 am | Interactive Workshop: Intervening in Professionalism Breaches
William O. Cooper, MD |
| 11:25-11:35 am | Minority Resident Attrition
Sonia V. Eden, MD |
| 11:35-11:45 am | Managing Resident Grief
John K. Ratliff, MD |
| 11:45-11:55 am | Crisis Management in Neurosurgical Training
James M. Ecklund, MD |
| 11:55am-12:05 pm | Panel Discussion and Q&A |

12:05-12:35 pm **LUNCH**
Exhibit Hall

MEETING AGENDA

SUNDAY, MAY 18, 2025 – *continued*



12:35-2:00 pm

SESSION 10: ENGAGEMENT

MODERATORS: Russell R. Lonser, MD and Akash J. Patel, MD
Grand Ballroom

12:35-12:55 pm

TBD
TBD

12:55-1:05 pm

Effective Leadership Development
Nina Z. Moore, MD

1:05-1:15 pm

Faculty Recruitment and Retention Strategies
Joseph S. Cheng, MD

1:15-1:25 pm

Continuous Improvement: Enhancing Staff Satisfaction
TBD

1:25-1:35 pm

Morbidity & Mortality Conference: Beyond "Blame and Shame"
Justin G. Santarelli, MD

1:35-1:45 pm

Eliminating Bias in Leadership Development
Aruna Ganju, MD

1:45-2:00 pm

Panel Discussion and Q&A

GENERAL INFORMATION

WHAT IS INCLUDED IN THE REGISTRATION FEE?

- Daily Breakfasts, Lunches, and Beverage Breaks
- Daily Scientific Sessions
- Friday Welcome Reception
- Saturday Gala Dinner

ADVANCE REGISTRATION

To register, please visit www.societyns.org/2025-annual-meeting and use your login information to proceed. Member and physician guest advance rate registration: \$1,600; spouse/significant other advance rate registration: \$500. Members may register up to three physician guests.

WELCOME RECEPTION

The Welcome Reception will take place on Friday, May 16 from 6:00-8:00 pm at the Cleveland Museum of Natural History. Enjoy cocktails and light hors d'oeuvres while networking with your colleagues. Attire: Business Casual.

Buses depart at 5:30 pm from the main hotel entrance of the Hotel Cleveland to the Cleveland Museum of Natural History.

GALA DINNER

Join is for the SNS Gala Dinner on Saturday, May 17 from 6:30-9:00 pm in the Forest City/Erie Room at the Hotel Cleveland. A plated dinner will be served. Attire: Black Tie Optional.

REGISTRATION CANCELLATION/REFUND POLICY

A full registration refund will be granted if written requests for cancellation are received by April 10, 2025. Cancellation requests received between April 11 and April 24 will receive a 50% refund. No refunds of any kind will be given after April 24, regardless of cause. Refunds will not be given for no-shows. Written request must be emailed to the SNS Office at info@societyns.org.

ONSITE REGISTRATION HOURS

Registration on Thursday, Friday, Saturday, and Sunday will take place in the Grand Assembly at the Hotel Cleveland.

Thursday, May 15	4:00-6:00 pm
Friday, May 16	7:00 am-3:30 pm
Saturday, May 17	7:00 am-4:00 pm
Sunday, May 18	7:00 am-1:00 pm

CLEVELAND CLINIC

On Saturday, May 17, morning programming be provided by the Cleveland Clinic in the Grand Ballroom A&B at the Hotel Cleveland.



AMERICANS WITH DISABILITIES ACT/SPECIAL NEEDS AND REQUESTS

The Society of Neurological Surgeons wishes to take the necessary steps to ensure that no individual with a disability is excluded, denied services, segregated, or otherwise treated differently than other individuals because of the absence of auxiliary aids and services. Please let us know if, under the ADA, you require special accommodations or services in order to attend the 2025 SNS Annual Meeting.

Your requirements should be sent directly to The Society of Neurological Surgeons by emailing info@societyns.org or by calling 847-805-4515. Please provide any requests at least 30 days prior to the SNS Annual Meeting to guarantee accommodation.

NO-SMOKING POLICY

Smoking is not permitted at any official SNS Annual Meeting events.

GENERAL INFORMATION



HOTEL ACCOMMODATIONS

Hotel Cleveland

24 Public Square
Cleveland, Ohio
(216) 696-5600

Anchoring the city's downtown, Hotel Cleveland offers an unmatched blend of historic charm and modern amenities. Here, every visit is infused with genuine character, transforming each gathering into a memorable chapter of Cleveland's ongoing narrative.

HOTEL RESERVATION INFORMATION AND DEADLINES

Reservations at the Hotel Cleveland can be made online at: <https://www.marriott.com/event-reservations/reservation-link.mi?id=1738865939832&key=GRP&guestreslink2=true&app=resvlink>

A credit card will be required at the time of your reservation. Each reservation requires a deposit equal to one night's room and tax. If making reservations on the phone, please reference the 2025 SNS Annual Meeting.

The SNS Group Rate is only available until the cutoff date of Monday, April 14, 2025. The SNS cannot guarantee the availability of this rate after the cutoff date.

HOTEL ROOM RATES*

1 King Guest Room
\$204.00

2 Double Guest Room
\$204.00

*The above rates exclude applicable state and local taxes. A small portion of your room rate will be used to help defray the cost of registration and housing services.

HOTEL CANCELLATION POLICY

In the event, you need to cancel your hotel reservation, within 72 hours of your reservation, (1) night's room and tax are no longer refundable. Please contact the hotel directly.



TRANSPORTATION TO THE HOTEL

The Hotel Cleveland is located 13 miles from Cleveland Hopkins International Airport (CLE).

AIRLINE DISCOUNTS

The SNS is pleased to offer discounts with the following airlines. Discount codes can only be used when booking through each airline's website.



Delta Airlines

May 12 - May 20, 2025

Code: **NY3VC**



United Airlines:

May 12 - May 20, 2025

Code: **ZQZF226151**

GENERAL INFORMATION



EVALUATIONS

The evaluation process is a key component in providing cutting-edge programming at the 2025 SNS Annual Meeting. Your feedback on the quality and diversity of the program helps to determine future meeting programming. Your voice is important, and your opinions are valued!

CME Credit and Certificate of Attendance

CME credits can be claimed through the online system at <https://societyns.org/2025-annual-meeting>. The CNS CME tracking system allows you to claim CME credit or Certificate of Attendance hours for the meeting. All attendees should only claim credit or hours of attendance commensurate with the extent of their participation in the activity.

Upon completion, your CME certificate will be immediately available to print from the convenience of your home or office.

Disclosures

The Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education requires that anyone in a position to control the content of the educational activity disclose all financial relationships with any ACCME-defined Ineligible Company*. As the accredited provider, the Congress of Neurological Surgeons (CNS) is responsible for identifying relevant financial relationships between individuals in control of educational content and ineligible companies and managing these to

ensure they do not introduce commercial bias into the education. Failure or refusal to disclose or the inability to satisfactorily resolve the identified conflict may result in the withdrawal of the invitation to participate in any of the CNS educational activities.

****The ACCME defines an "Ineligible Company" as those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.***

A list of financial disclosures relevant to the meeting will be posted before the meeting on the meeting's web page.

FDA Statement

Some drugs or medical devices demonstrated at the Annual Meeting have not been cleared by the FDA or have been cleared by the FDA for specific purposes only. The FDA has stated that it is the physician's responsibility to determine the FDA clearance status of each drug or medical device they wish to use in clinical practice. The CNS policy provides that "off-label" uses of a drug or medical device may be described at the SNS Annual Meeting so long as the "off-label" use of the drug or medical device is also specifically disclosed.

Any drug or medical device is "off label" if the described use is not set forth on the product's approved label. It is also each speaker's responsibility to include the FDA clearance status of any device or drug requiring FDA approval discussed or described in their presentation or to describe the lack of FDA clearance for any "off-label" uses discussed.



PRELIMINARY PROGRAM

QUESTIONS?

PLEASE CONTACT

The Society of Neurological Surgeons
10 N. Martingale Road, Suite 190
Schaumburg, IL 60173
Phone: 847-805-4515
info@societyns.org

