

The Society of Neurological Surgeons 2024 Annual Meeting



SCIENTIFIC PROGRAM

Forthcoming Disruptions in Education: Opportunities and Challenges

— NEW YORK —
NEW YORK
MAY 18-20, 2024



HOSTED BY WEILL CORNELL MEDICINE NEUROLOGICAL SURGERY

Jointly provided by the Congress of Neurological Surgeons



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The Society of Neurological Surgeons

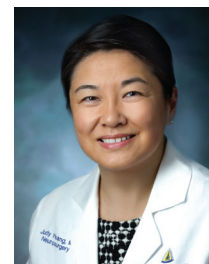
JOIN US FOR THE 115TH ANNUAL MEETING
— MAY 18-20, 2024 —



E. Antonio Chiocca, MD, PhD
President



Nathan R. Selden, MD, PhD
President Elect



Judy Huang, MD
Vice President



Gregory J. Zipfel, MD
Secretary



Linda M. Liau, MD, PhD, MBA
Treasurer



David D. Limbrick Jr., MD, PhD
Program Chair



Philip E. Stieg, MD, PhD
Local Host



Michael G. Kaplitt, MD, PhD
Local Host

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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:

- Continue development of the field of neurological surgery, including graduate and postgraduate education.
- Bestow recognition upon persons of outstanding ability and excellence in their work and teaching. Such recognition is bestowed by appointment to membership or by appearance on the program at appropriate times.
- Enhance the role and stature of neurosurgical units in academic medical centers.
- Ensure that patients with nervous system disease receive the highest quality care.
- Encourage and support research in neuroscience.

At the conclusion of the 2024 SNS Annual Meeting, participants will be able to:

- Demonstrate understanding of current disruptive changes in the neurosurgery training environment.
- Analyze and improve the process by which resident applicants are evaluated and reviewed.
- Recognize and evaluate the methods by which resident applicants demonstrate program interest.
- Design novel programs to foster leadership and innovation in neurosurgical education and training.

FORTHCOMING DISRUPTIONS IN EDUCATION: OPPORTUNITIES AND CHALLENGES

This live meeting, titled *Forthcoming Disruptions in Education: Opportunities and Challenges*, 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.

Connect with the SNS and follow us on X at @SNS_Neurosurg #SNS2024

SOCIETYNS.ORG/2024-ANNUAL-MEETING

CONTINUING MEDICAL EDUCATION

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

AMA PRA Category 1 Credits™ Designation Statement

The Congress of Neurological Surgeons designates this live activity for a maximum of 14.5 AMA PRA Category 1 Credits(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Evaluations

The evaluation process is a key component in providing cutting-edge programming at the 2024 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://www.societyofneurosurgeons.org/2024-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.

REGISTERED GUESTS

INVITED GUESTS*	GUEST'S HOST
Nitin Agarwal, MD.....	Costas G. Hadjipanayis, MD, PhD
Asif Bashir, MD.....	Anil Nanda, MD
Nicole Bentley, MD.....	James M. Markert Jr., MD
Wenya Linda Bi, MD, PhD.....	G. Rees Cosgrove, MD
Christian A. Bowers, MD.....	SNS Invited Guest
Kerry E. Brega, MD.....	Kevin O. Lillehei, MD
Mokbel K. Chedid, MD.....	Ellen L. Air, MD, PhD
Rohan V. Chitale, MD.....	Lola B. Chambless, MD
Justin A. Dye, MD.....	Linda M. Liau, MD, PhD, MBA
Benjamin D. Elder, MD, PhD.....	David J. Daniels, MD, PhD
Melanie Gephart-Hayden, MD.....	Michael Lim, MD
Saniya S. Godil, MD.....	Lola B. Chambless, MD
Kiarash Golshani, MD.....	Frank P.K. Hsu, MD
C. Rory Goodwin, MD, PhD.....	Gerald A. Grant, MD
Jeffrey P. Greenfield, MD, PhD.....	Mark M. Souweidane, MD
Seunggu J. Han, MD.....	John K. Ratliff, MD
Roger Hartl, MD.....	Philip E. Stieg, MD, PhD
David S. Hersh, MD.....	Ketan R. Bulsara, MD
Shawn L. Hervey-Jumper, MD.....	Philip V. Theodosopoulos, MD
Caitlin E. Hoffman, MD.....	Mark M. Souweidane, MD
Ibrahim Hussain, MD.....	Philip E. Stieg, MD, PhD
Megan M. Jack, MD, PhD.....	Richard P. Schlenk, MD
Nickalus Khan, MD.....	L. Madison Michael II, MD
Michel Lacroix, MD.....	Clemens M. Schirmer, MD, PhD, MBA
Rishi R. Lall, MD.....	Nader Pouratian, MD, PhD
Amy Lee, MD.....	Susan R. Durham, MD
Andres L. Maldonado, MD.....	Dzung H. Dinh, MD
Neil R. Malhotra, MD.....	William C. Welch, MD
Allan R. Martin, MD, PhD.....	Kiarash Shahlaie, MD, PhD

INVITED GUESTS*	GUEST'S HOST
Justin R. Mascitelli, MD.....	J D. Mocco, MD
Kate McDaniel, PhD.....	Gerald A. Grant, MD
Tanya Minasian, DO.....	Steven L. Giannotta, MD
Camilo A. Molina, MD.....	SNS Invited Guest
Peter Morgenstern, MD.....	Joshua B. Bederson, MD
Debraj R. Mukherjee, MD.....	Judy Huang, MD
Christina Notarianni, MD.....	Bharat Guthikonda, MD, MBA
Hilary C. Onyike, MD.....	Ketan R. Bulsara, MD
Juan R. Ortega-Barnett, MD.....	Nicholas M. Barbaro, MD
Jared M. Pisapia, MD.....	Chirag D. Gandhi, MD
Carolyn Quinsey, MD.....	Eldad J. Hadar, MD
Boyd F. Richards, DO.....	Michael Schulder, MD
Ron I. Riesenburger, MD.....	Julian K. Wu, MD
Brandon G. Rocque, MD.....	James M. Markert Jr., MD
Jason M. Schwalb, MD.....	Ellen L. Air, MD, PhD
Joseph C. Serrone, MD.....	Costas G. Hadjipanayis, MD, PhD
Julia D. Sharma, MD.....	Kiarash Shahlaie, MD, PhD
Nathan E. Simmons, MD.....	Perry A. Ball, MD
Heather S. Spader, MD.....	Mark E. Shaffrey, MD
Scellig S. D. Stone, MD, PhD.....	Mark R. Proctor, MD
Vishad V. Sukul, MD.....	Chirag D. Gandhi, MD
Jai D. Thakur, MD.....	Bharat Guthikonda, MD, MBA
Jamie Toms, MD.....	Bharat Guthikonda, MD, MBA
Rachana Tyagi, MD.....	Chirag D. Gandhi, MD
G. Edward Vates, MD, PhD.....	Webster H. Pilcher, MD
Nilesh A. Vyas, MD.....	James M. Ecklund, MD
Anthony Wang, MD.....	Linda M. Liau, MD, PhD, MBA
Thomas J. Wilson, MD.....	Michael Lim, MD
Jesse L. Winer, MD.....	Nathan R. Selden, MD, PhD
Mateo Ziu, MD.....	James M. Ecklund, MD

*As of April 15, 2024

SCIENTIFIC AND SOCIAL PROGRAM

SATURDAY, MAY 18, 2024

Headquarter Hotel: New York Hilton Midtown - 1335 6th Ave, New York, NY 10019

General Session and Registration: Mortimer B. Zuckerman Research Center - Sloan Kettering Institute - 417 E 68th St, New York, NY 10065

Breakfast & Lunch: Griffis Faculty Club - 521 E 68th St, New York, NY 10065

7:00 am	Buses to depart from the New York Hilton Midtown to Griffis Faculty Club at New York Weill Cornell Medical Center	
7:30-8:15 am	BREAKFAST	<i>Dining Room, Griffis Faculty Club</i>
7:30 am-3:00 pm	REGISTRATION	ZRC Lobby
8:30 am-12:00 pm	SESSION 1 Forthcoming Disruptions in Residency Advocacy and Training MODERATORS: Aviva Abosch, MD, PhD; E. Sander Connolly, Jr., MD	ZRC Auditorium
8:30-8:40 am	Welcome and Opening Remarks E. Antonio Chiocca, MD, PhD	
8:40-9:00 am	Union Organizing & Collective Bargaining: Implications for Medical Training Shannon Buffum	
9:00-9:10 am	Unionization: Structured Support and Advocacy for Neurosurgical Trainees Michael Lim, MD	
9:10-9:20 am	Unionization of Trainees & Staff: Challenges in the Training Environment Daniel Yoshor, MD	
9:20-9:40 am	Panel Discussion and Q&A	
9:40-9:50 am	Impact of Enfolded Fellowships on Training/CAST Structure and Timing of Fellowships Charles L. Branch Jr., MD	
9:50-10:00 am	Q&A	
10:00-10:30 am	BREAK	ZRC Lobby
10:30-10:40 am	ACGME Update Robert E. Harbaugh, MD	
10:40-10:55 am	RRC Overview/Common Citations and Approaches to Address Them Robert E. Harbaugh, MD	
10:55-11:00 am	Program Director Patient Safety and Quality (PDPO) Educators Network Cormac O. Maher, MD	

SCIENTIFIC AND SOCIAL PROGRAM

SATURDAY, MAY 18, 2024 — *continued*

11:00-11:10 am	CAST Update Vincent C. Traynelis, MD
11:10-11:20 am	ABNS Update Russell R. Lonser, MD
11:20-11:30 am	Washington Committee Update Krystal L. Tomei, MD
11:30-11:35 am	Overview of Resident Courses Nicholas C. Bambakidis, MD
11:35-11:45 am	Resident Curriculum Marjorie C. Wang, MD
11:45-11:50 am	Resident Courses Martina Stippler, MD
11:50-11:55 am	RUNN Course Update Linda M. Liau, MD, PhD, MBA
11:55 am-12:00 pm	Residency Program Administrator Award Kim J. Burchiel, MD; Gregory J. Zipfel, MD

12:00-1:00 pm **LUNCH** *Dining Room, Griffis Faculty Club*

1:15-3:50 pm **SESSION 2** *ZRC Auditorium*
Forthcoming Disruptions in Residency Learning Approaches
MODERATORS: Sepideh Amin-Hanjani, MD; Nader Pouratian, MD, PhD

1:15-1:25 pm	SNS Neurosurgeon-Scientist Training Program (NSTP) Constantinos G. Hadjipanayis, MD, PhD
1:25-1:35 pm	K12 Neurosurgeon Research Career Development Program (NRCDP) Gregory J. Zipfel, MD
1:35-1:45 pm	Integration of APPs in the Training Environment, Relationships with Residents Ibrahim Hussain, MD
1:45-1:55 pm	Surgical Simulation and Skills Lab Offset Reduction in Work Hours Antonio Bernardo, MD
1:55-2:05 pm	Building a Comprehensive Quality & Safety Program Christina M. Sayama, MD
2:05-2:15 pm	Q&A

SCIENTIFIC AND SOCIAL PROGRAM

SATURDAY, MAY 18, 2024 — *continued*

2:15-2:45 pm	BREAK	ZRC Lobby
2:45-2:50 pm	Distinguished Service Award Introduction M. Sean Grady, MD	
2:50-3:00 pm	Distinguished Service Award Acceptance Deborah L. Benzil, MD	
3:00-3:05 pm	Introduction of Winn Prize Lecturer Karin M. Muraszko, MD	
3:05-3:45 pm	Winn Prize Lecture Linda M. Liau, MD, PhD, MBA	
3:45-3:50 pm	Q&A	
4:00 pm Buses to depart from the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute to New York Hilton Midtown		
4:30-6:00 pm	SNS COMMITTEE MEETINGS	
	• CAST Committee Meeting.....	Nassau
	• CoRE and Resident Courses Committee.....	Murray Hill West
	• Medical Student Committee.....	Gramercy Suite
	• Research Committee Meeting.....	Murray Hill East
6:00-8:00 pm	WELCOME RECEPTION Mercury Ballroom, New York Hilton Midtown <i>Attire: Business Casual</i>	



SCIENTIFIC AND SOCIAL PROGRAM

SUNDAY, MAY 19, 2024

Headquarter Hotel: New York Hilton Midtown - 1335 6th Ave, New York, NY 10019

General Session and Registration: Mortimer B. Zuckerman Research Center - Sloan Kettering Institute - 417 E 68th St, New York, NY 10065

Breakfast & Lunch: Griffis Faculty Club - 521 E 68th St, New York, NY 10065

7:00 am	Buses to depart from the New York Hilton Midtown to Griffis Faculty Club at New York Weill Cornell Medical Center	
7:30-8:15 am	BREAKFAST	<i>Dining Room, Griffis Faculty Club</i>
7:30 am-4:00 pm	REGISTRATION	ZRC Lobby
8:30 am-12:30 pm	SESSION 3 Weill Cornell Medicine Program, Keynote Speech, and Presidential Address MODERATORS: Mark D. Krieger, MD; Mark R. Proctor, MD	ZRC Auditorium
8:30-8:45 am	Host Program Video	
8:45-9:05 am	Building an Academic Neurosurgery Network from the Ground Up Philip E. Stieg, MD, PhD	
9:05-9:10 am	Q&A	
9:10-9:30 am	Building a Neurosurgical Research and Innovation Platform Michael G. Kaplitt, MD, PhD	
9:30-9:35 am	Q&A	
9:35-9:55 am	Building a Collaborative Inter-Institutional Pediatric Neurosurgery Program Mark M. Souweidane, MD	
9:55-10:00 am	Q&A	
10:00-10:20 am	Building a Multi-Disciplinary Academic Spine Center Roger Härtl, MD	
10:20-10:30 am	Q&A	
10:30-11:00 am	BREAK	ZRC Lobby

SCIENTIFIC AND SOCIAL PROGRAM

SUNDAY, MAY 19, 2024 — *continued*

11:00-11:05 am	Keynote Speech Introduction Philip E. Stieg, MD, PhD	
11:05-11:35 am	Keynote Speech: Fireside Chat with John Waldron, President and Chief Operating Officer of The Goldman Sachs Group, Inc.	
11:35-11:45 am	Q&A	
11:45-11:50 am	Introduction of President E. Antonio Chiocca Mark R. Proctor, MD	
11:50 am-12:20 pm	Presidential Address E. Antonio Chiocca, MD, PhD	
12:20-12:25 pm	Lifetime Service Award: Stephen J. Korn, PhD E. Antonio Chiocca, MD, PhD	
12:25-12:30 pm	Passing of the Gavel E. Antonio Chiocca, MD, PhD	
12:30-1:30 pm	LUNCH	<i>Dining Room, Griffis Faculty Club</i>
1:45-4:45 pm	SESSION 4 Forthcoming Disruptions in Resident Recruitment MODERATORS: Judy Huang, MD; Mark D. Johnson, MD, PhD	<i>ZRC Auditorium</i>
1:45-1:55 pm	Strategies and Bias in Video Interviews Josiah N. Orina, MD	
1:55-2:05 pm	Publication Value Unit (PVU) to Address to Publication Arms Race Christian A. Bowers, MD	
2:05-2:15 pm	Panel Discussion and Q&A	
2:15-2:25 pm	The Evolution of Letters of Support: Progress? Jason Heth, MD	
2:25-2:40 pm	Updates for the 2025 Match: LOI and Program Sign Stacey Q. Wolfe, MD	
2:40-2:55 pm	Current Statistics and Potential Disruptions in Resident Recruitment Lola B. Chambless, MD	
2:55-3:05 pm	Panel Discussion and Q&A	
3:05-3:35 pm	BREAK	<i>ZRC Lobby</i>

SCIENTIFIC AND SOCIAL PROGRAM

SUNDAY, MAY 19, 2024 — *continued*

- 3:35-3:40 pm **Introduction of History Lecture**
Kim J. Burchiel, MD
- 3:40-4:10 pm **History of Spine as a Neurosurgical Discipline and Training Going Forward**
Mark N. Hadley, MD
- 4:10-4:18 pm **Abstract Session: The Effect of a Manuscript Submission Policy on Quantity and Quality of Resident Publications**
Andrew Bauer, MD
- 4:18-4:26 pm **Abstract Session: Preparing Residents to Navigate Neurosurgical Careers in the 21st Century: Implementation of a Yearlong Enhanced Didactics Curriculum**
Deborah L. Benzil, MD
- 4:26-4:34 pm **Abstract Session: Mitigating the Challenge of Selecting Neurosurgical Residents in the Absence of USMLE STEP 1 Scores Using a Data-Driven Quantitative Screening Algorithm**
Allan R. Martin, MD, PhD
- 4:34-4:45 pm **Q&A**

4:50 pm **Buses to depart from the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute to New York Hilton Midtown**

7:00-9:30 pm **GALA DINNER**
Trianon Complex, New York Hilton Midtown
Attire: Black Tie Optional



SCIENTIFIC AND SOCIAL PROGRAM

MONDAY, MAY 20, 2024

Headquarter Hotel: New York Hilton Midtown - 1335 6th Ave, New York, NY 10019

General Session and Registration: Mortimer B. Zuckerman Research Center - Sloan Kettering Institute - 417 E 68th St, New York, NY 10065

Breakfast & Lunch: Griffis Faculty Club - 521 E 68th St, New York, NY 10065

7:00 am	Buses to depart from the New York Hilton Midtown for Members Only Annual Business Meeting at the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute to New York Hilton Midtown	
7:30 am-1:00 pm	REGISTRATION	<i>ZRC Lobby</i>
7:30-8:30 am	ANNUAL BUSINESS MEETING - MEMBERS ONLY	<i>ZRC Auditorium</i>
8:00 am	Buses to depart from the New York Hilton Midtown for Non-Members to Griffis Faculty Club at New York Weill Cornell Medical Center	
8:30-9:15 am	BREAKFAST	<i>Dining Room, Griffis Faculty Club</i>
9:30-11:45 am	SESSION 5 Evolving Landscape of Neurosurgical Training	<i>ZRC Auditorium</i>
	MODERATORS: Wenya Linda Bi, MD, PhD; Jonathan P. Miller, MD	
9:30-9:35 am	Introduction of Grossman Award Lecture Michael G. Kaplitt, MD, PhD	
9:35-10:05 am	Grossman Award Lecture Richard P. Lifton, MD, PhD, President of Rockefeller University	
10:05-10:15 am	Q&A	
10:15-10:20 am	Introduction of Medical Student Teaching Award John A. Wilson, MD	
10:20-10:30 am	Medical Student Teaching Award Acceptance Stacey Q. Wolfe, MD	
10:30-10:40 am	Translating Resident Feedback and Survey Findings to Improve the System Jeffrey P. Greenfield, MD, PhD	
10:40-10:50 am	Supporting Family Leave in Residency: Small and Large Programs Sharona Ben-Haim, MD	
10:50-11:00 am	Addressing Harassment in Neurosurgical Training Deborah L. Benzil, MD	

SCIENTIFIC AND SOCIAL PROGRAM

MONDAY, MAY 20, 2024 — *continued*

11:00-11:10 am	Mentoring Across Differences Yoon Kang, MD	
11:10-11:20 am	Panel Discussion and Q&A	
11:20-11:30 am	Teaching Residents to Design and Run Clinical Trials Frederick G. Barker, MD	
11:30-11:40 am	Managing and Learning from Unexpected Catastrophe in a Department Nathan R. Selden, MD, PhD	
11:40-11:45 am	Panel Discussion and Q&A	
11:45 am-12:30 pm	LUNCH	<i>Dining Room, Griffis Faculty Club</i>
12:45-2:00 pm	SESSION 6 AI and Other Disruptive Technologies in Neurosurgical Training MODERATORS: Randy L. Jensen, MD; Marjorie C. Wang, MD	<i>ZRC Auditorium</i>
12:45-12:50 pm	Introduction of David C. Rhew, MD Philip E. Stieg, MD, PhD	
12:50-1:10 pm	Expanding Applications of AI in Healthcare David C. Rhew, MD, Global Chief Medical Officer & VP of Healthcare, Worldwide Commercial Business (WCB) for Microsoft	
1:10-1:20 pm	Q&A	
1:20-1:30 pm	Update: SNS Task Force on AI Omar Arnaout, MD	
1:30-1:40 pm	Integration of AI into Clinical Neurosurgery and Impact on Resident Learning Richard W. Byrne, MD	
1:40-1:50 pm	Augmented Reality: Clinical Use and Implications for Residency Training Camilo A. Molina, MD	
1:50-2:00 pm	Panel Discussion and Q&A	
2:05 pm	Buses to depart from the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute to New York Hilton Midtown	

GENERAL INFORMATION

WHAT IS INCLUDED IN THE REGISTRATION FEE?

- Daily Breakfasts, Lunches, and Beverage Breaks
- Daily Scientific Sessions
- Saturday Opening Reception
- Sunday Gala Dinner

MEETING LOCATIONS

This year, the SNS Annual Meeting will be held at multiple venues.

- **Headquarter Hotel:** New York Hilton Midtown - 1335 6th Ave, New York, NY 10019
- **Overflow Hotel:** Sheraton New York Times Square Hotel - 811 7th Avenue 53rd Street, New York, NY 10019
- **General Session and Registration:** Mortimer B. Zuckerman Research Center - Sloan Kettering Institute - 417 E 68th St, New York, NY 10065
- **Breakfast & Lunch:** Griffis Faculty Club - 521 E 68th St, New York, NY 10065

GENERAL SESSION TRANSPORTATION

Buses will depart from the New York Hilton Midtown each morning at 7:00 AM.

Round-trip transportation will continue from the New York Hilton Midtown and Mortimer B. Zuckerman Research Center - Sloan Kettering Institute. Transportation departs on the :00 and :30 throughout the day, round-trip transportation concludes 1-hour prior to the end of the General Session each day.

WELCOME RECEPTION

The Welcome Reception will take place on Saturday, May 18 from 6:00-8:00 pm in the Mercury Ballroom at the New York Hilton Midtown. Enjoy cocktails and light hors d'oeuvres while networking with your colleagues. Attire: Business Casual.

GALA DINNER

Join us for the SNS Gala Dinner on Sunday, May 19 from 7:00-9:30 pm in the Trianon Complex at the New York Hilton Midtown. A plated dinner will be served. Attire: Black Tie Optional.

ONSITE REGISTRATION HOURS

Registration on Saturday, Sunday and Monday will take place in the ZRC Lobby at the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute.

Saturday, May 18	7:30 am-3:00 pm
Sunday, May 19	7:30 am-4:00 pm
Monday, May 20	7:30 am-1:00 pm

WEILL CORNELL MEDICINE



On Sunday, May 19, morning programming will be provided by Weill Cornell Medicine in the ZRC Auditorium at the Mortimer B. Zuckerman Research Center - Sloan Kettering Institute.

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 2024 SNS Annual Meeting.

Your requirements should be sent directly to the Society of Neurological Surgeons by emailing sns@cns.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.

EXECUTIVE COUNCIL

EXECUTIVE COUNCIL MEMBERS 2023-2024

President	E. Antonio Chiocca, MD, PhD
President Elect	Nathan R. Selden, MD, PhD
Vice President	Judy Huang, MD
Secretary	Gregory J. Zipfel, MD
Treasurer	Linda M. Liau, MD, PhD, MBA
Past President	E. Sander Connolly, Jr. MD
Past-Past President	Warren R. Selman, MD
Past Vice President	Linda M. Liau, MD, PhD, MBA
Member-at-Large	Sepideh Amin-Hanjani, MD
Member-at-Large	Stacey Q. Wolfe, MD
Program Chair	David D. Limbrick Jr., MD, PhD
Historian	Kim J. Burchiel, MD
Local Host	Philip E. Stieg, MD, PhD and Michael G. Kaplitt, MD, PhD

NON-VOTING MEMBERS

ABNS Ad Hoc Member	Russell R. Lonser, MD
RRC Ad Hoc Member	Robert E. Harbaugh, MD
CAST	Charles L. Branch Jr., MD
CoRE	Nicholas C. Bambakidis, MD
Medical Student Committee	Lola B. Chambless, MD
Membership Committee	John K. Ratliff, MD
Research Committee	Constantinos G. Hadjipanayis, MD, PhD

STANDING COMMITTEES, SOCIETY REPRESENTATIVES, SNS MEMBERS, AWARD RECIPIENTS, AND SOCIETY HISTORY

STANDING COMMITTEES

A list of all current SNS Committees can be found on the SNS website at societyyns.org/about/committees.



SOCIETY REPRESENTATIVES

A list of all current Society Representatives can be found on the SNS website at societyyns.org/about/society-representatives.

SNS MEMBERS

All Active, Senior and Honorary members of the SNS can be found on the SNS website utilizing the Member Director at: societyyns.org/membership/member-directory.



AWARD RECIPIENTS

All past award winners for the Bass Awards Lecturers, Distinguished Service Award, Grass Foundation Awards, Grossman Award Lecturers, Medical Student Teaching Awards, and Winn Prize can be found on the SNS website at: societyyns.org/about/awards.

PAST OFFICERS

Past officers of The Society can be found on the SNS website at: societyyns.org/about/history-detail/past-officers-of-society.



SOCIETY HISTORY

A full history of The Society of Neurological Surgeons can be found on the SNS website at: societyyns.org/about/history-detail/preface.

100 Years of
Neurosurgery



DECEASED MEMBERS

John E. Adams, MD	1999	Robert L. Campbell, MD	2018
Alfred W. Adson, MD	1951	Louis P. Carter, MD	2010
Eben Alexander, Jr., MD	2004	Thomas E. Carter, MD	2006
Marshall B. Allen, Jr., MD	2015	Justin S. Cetas, MD, PhD.....	2022
Orlando J. Andy, MD	1997	Joseph Chandy, MD (<i>Honorary</i>)	2007
Joao (John) Lobo Antunes, MD (<i>Honorary</i>).....	2016	Shelley N. Chou, MD	2001
Chisato Araki, MD (<i>Honorary</i>)	1976	Lee A. Christoferson, Sr., MD	2000
Román Arana-Iñiguez, MD (<i>Honorary</i>)	1977	Ivan S. Ciric, MD	2021
Edward W. Archibald, MD	1945	William K. Clark, MD	2007
James G. Arnold, Jr., MD	1994	Donald F. Coburn, MD	1988
Alexander I. Arutyunov, MD (<i>Honorary</i>)	1975	Claude C. Coleman, MD	1953
Alfonso Asenjo, MD (<i>Honorary</i>)	1980	William F. Collins, Jr., MD	2009
George M. Austin, MD	2002	William V. Cone, MD	1959
Charles Bagley, Jr., MD	1957	Edward S. Connolly, Sr., MD	2014
Percival Bailey, MD	1973	William S. Coxe, MD	2012
Louis Bakay, MD	1998	Winchell M. Craig, MD	1960
Roy A. E. Bakay, MD	2013	Paul H. Crandall, MD	2012
George S. Baker, MD	1993	Robert M. Crowell, MD	2020
Maitland Baldwin, MD	1970	W. Gayle Crutchfield, MD	1972
H. Thomas Ballantine, Jr., MD	1996	Harvey W. Cushing, MD	1939
Robert C. Bassett, MD	1975	Walter E. Dandy, MD (<i>Honorary</i>)	1946
Donald P. Becker, MD	2020	Leo M. Davidoff, MD	1975
Claude Bertrand, MD.....	2014	Courtland H. Davis, Jr., MD	1982
Perry Black, MD	2018	Loyal Davis, MD	1982
Byron M. Bloor, MD	1994	Albert P. D'Errico, MD	1984
Edwin B. Boldrey, MD	1988	Richard L. DeSaussure, Jr., MD	2008
Warren C. Boop, Jr., MD	2021	Jacquez C. de Villiers, MD (<i>Honorary</i>)	2018
Edmund H. Botterell, MD	1997	R. M. Peardon Donaghy, MD	1991
Robert S. Bourke, MD	1996	Norman M. Dott, MD (<i>Honorary</i>)	1973
Charles E. Brackett, MD	2016	Charles E. Downman, Jr., MD	1931
E. Jefferson Browder, MD	1976	Charles G. Drake, MD	1998
Howard A. Brown, MD	1990	Dean H. Echols, MD	1991
Willis E. Brown, Jr., MD	1993	George Ehni, MD	1986
Paul C. Bucy, MD	1993	Charles A. Elsberg, MD	1948
Eduard A. V. Busch, MD (<i>Honorary</i>)	1982	Arthur R. Elvidge, MD	1985
Karl A. Bushe, MD (<i>Honorary</i>)	1999	Fred J. Epstein, MD	2006
David W. Cahill, MD	2003	Theodore C. Erickson, MD	1986
Sir Hugh W.B. Cairns, MD (<i>Honorary</i>)	1952	Joseph P. Evans, MD	1985
Eldridge H. Campbell, Jr., MD	1956	Charles A. Fager, MD.....	2014
		Temple Fay, MD	1963

DECEASED MEMBERS

William H. Fiendel, MD 2014	Henry L. Heyl, MD 1975
Edgar F. Fincher, Jr., MD 1969	Norman C. Hill, MD 2020
David M. Frim, MD 2003	Julian T. Hoff, MD 2007
Robert G. Fisher, Jr., MD 2003	Harold J. Hoffman, MD 2004
Stevenson Flanigan, MD 2007	Gilbert Horrax, MD 1957
Howard W. Fleming, MD 1974	William E. Hunt, MD 1999
Eldon L. Foltz, MD 2013	Franc D. Ingraham, MD 1965
Charles H. Frazier, MD 1936	Fabian Isamat, MD (<i>Honorary</i>) 2019
John D. French, MD 1989	Shozo Ishii, MD (<i>Honorary</i>) 2012
Lyle A. French, MD 2004	John A. Jane, Sr., MD 2015
Piero Frugoni, MD (<i>Honorary</i>) 1994	Peter J. Jannetta, MD 2016
Leonard T. Furlow, MD 1980	Manucher J. Javid, MD 2021
J. Garber Galbraith, MD 1996	Sir Geoffrey Jefferson, MD (<i>Honorary</i>) 1961
W. James Gardner, MD 1987	Byran Jennett, MD (<i>Honorary</i>) 2008
Henry D. Garretson, MD 2007	Ottiwel W. Jones, Jr., MD 1987
William J. German, MD 1981	Edgar A. Kahn, MD 1985
Philip L. Gildenberg, MD, PhD 2020	Allen B. Kanavel, MD 1938
F. J. Gillingham, MD (<i>Honorary</i>) 2010	E. I. Kandel, MD (<i>Honorary</i>) 1990
Sidney Goldring, MD 2004	Harry A. Kaplan, MD 1995
Phillip D. Gordy, MD 2014	Samuel S. Kasoff, MD 2009
Carl J. Graf, MD 1987	Jay J. Keegan, MD 1978
Lars G. Granholm, MD (<i>Honorary</i>) 1988	Ludwig G. Kempe, MD 2012
Francis C. Grant, MD 1967	Frederick W. L. Kerr, MD 1983
George H. Gray, Jr., MD 2016	Harry H. Kerr, MD 1963
John R. Green, MD 1990	Robert B. King, MD 2008
Robert A. Groff, MD 1975	Katsutoshi Kitamura, MD (<i>Honorary</i>) 2004
Cordell E. Gross, MD 2000	Robert S. Knighton, MD 2004
Robert G. Grossman, MD 2021	Wolfgang T. Koos, MD (<i>Honorary</i>) 2000
Gerard Guiot, MD (<i>Honorary</i>) 1998	Paul L. Kornblith, MD 2023
E. Stephen Gurdjian, MD 1985	Herbert Kraus, MD (<i>Honorary</i>) 1975
Wallace B. Hamby, MD 1999	Hugo Krayenbuhl, MD (<i>Honorary</i>) 1985
John W. Hanbery, MD 1996	Kristian Kristiansen, MD (<i>Honorary</i>) 1993
Griffith R. Harsh, III, MD 2019	Theodore Kurze, MD 2002
Samuel C. Harvey, MD 1953	Thomas W. Langfitt, MD 2005
Hale A. Haven, MD 1964	Sanford J. Larson, MD 2012
C. Douglas Hawkes, MD 1998	James R. Learmonth, MD (<i>Honorary</i>) 1967
Gen. George J. Hayes, MD 2002	Lyal G. Leibrock, MD 2005
Mark P. Heilbrun, MD 2010	Lars Leksell, MD (<i>Honorary</i>) 1986
Jess D. Hermann, MD 1994	Richard A. Lende, MD 1973
George J. Heuer, MD 1950	Dean D. Lewis, MD 1941

DECEASED MEMBERS

Richard U. Light, MD	1994	D. W. C. Northfield, MD (<i>Honorary</i>)	1977
Kenneth E. Livingston, MD	1984	G. Robert Nugent, MD	2016
Raeburn C. Llewellyn, MD	2009	Frank E. Nulsen, MD	1994
Valentine Logue, MD (<i>Honorary</i>)	2000	Sixto A. Obrador, MD (<i>Honorary</i>)	1978
Donlin M. Long, MD	2023	Guy L. Odom, MD	2001
H.C. Ruediger Lorenz, MD (<i>Honorary</i>)	2008	Robert G. Ojemann, MD	2010
J. Grafton Love, MD	1987	Eric Oldberg, MD	1986
Alfred J. Luessenhop, MD	2009	Edward H. Oldfield, MD	2017
Collin S. MacCarty, MD	2003	A. Herbert Olivecrona, MD (<i>Honorary</i>)	1980
Robert J. Maciunas, MD	2011	Jewel L. Osterholm, MD	2017
Ernest W. Mack, MD	2000	William O. Ott, MD	1963
M. Stephen Mahaley, Jr., MD	1992	Kenneth W. E. Paine, MD	1994
Leonard I. Malis, MD	2005	Pietro Paoletti, MD (<i>Honorary</i>)	1991
Vernon H. Mark, MD	2014	Dwight Parkinson, MD	2005
John Martin, MD	1996	Andrew T. Parsa, MD	2015
Donald D. Matson, MD	1969	Herbert Parsons, MD	1995
Robert E. Maxwell, MD, PhD	2022	Emil Pasztor, MD (<i>Honorary</i>)	2015
Frank H. Mayfield, MD	1991	Bernard S. Patrick, MD	2013
David J. McCullough, MD	1992	Harold D. Paxton, MD	2015
Kenneth G. McKenzie, MD	1964	Max M. Peet, MD	1949
Robert L. McLaurin, MD	2015	Wilder Penfield, MD	1976
William F. Meacham, MD	1999	Joe Pennybacker, MD (<i>Honorary</i>)	1983
John N. Meagher, MD	1993	Phanor L. Perot, Jr., MD	2011
H. Russell Meyers, MD	1999	Bernard C. Pertuiset, MD (<i>Honorary</i>)	2000
Carole A. Miller, MD	2015	Daniel Petit-Dutallis, MD (<i>Honorary</i>)	1968
J. Douglas Miller, MD	1996	Byron C. Pevehouse, MD	2010
Joseph H. Miller, MD	2021	William T. Peyton, MD	1962
Ross H. Miller, MD	2014	Hans W. Pia, MD (<i>Honorary</i>)	1986
W. Jason Mixter, MD	1958	Cobb Pilcher, MD	1949
Thomas P. Morley, MD	2012	Reinaldo A. Poblete, MD (<i>Honorary</i>)	1993
Lester A. Mount, MD	1999	J. Lawrence Pool, MD	2004
John (Sean) F. Mullan, MD	2015	James L. Poppen, MD	1978
Donald Munro, MD	1973	Robert W Porter, MD	2021
Francis Murphey, MD	1994	Jose R. Portugal, MD (<i>Honorary</i>)	1993
Frederick Murtagh, Jr., MD	1996	Robert H. Pudenz, MD	1998
Paul W. Myers, MD	2013	Tracy J. Putnam, MD	1975
Howard C. Naffziger, MD	1961	John E. Raaf, MD	2000
Blaine S. Nashold, Jr., MD	2014	Anthony J. Raimondi, MD	2000
William Noordenbos, MD (<i>Honorary</i>)	1992	B. Ramamurthi, MD	2003
Gösta Norlén, MD (<i>Honorary</i>)	1992	Carl W. Rand, MD	1972

DECEASED MEMBERS

Robert W. Rand, MD	2013	Walter E. Stern, Jr., MD	2017
Joseph L. Ransohoff, II, MD	2001	Byron P. Stookey, MD	1966
Theodore B. Rasmussen, MD	2002	Oscar Sugar, MD	2008
Bronson S. Ray, MD	1993	Kenichiro Sugita, MD (<i>Honorary</i>)	1994
David L. Reeves, MD	1970	Thoralf M. Sundt, Jr., MD	1992
Owen H. Reichman, MD	2018	Hendrick J. Svien, MD	1972
Albert L. Rhoton, Jr., MD	2016	William H. Sweet, MD	2001
Nathan Rifkinson, MD	2010	Lindsay E. Symon, MD (<i>Honorary</i>)	2019
Hugo V. Rizzoli, MD	2014	Kintomo Takakura, MD (<i>Honorary</i>)	2019
Theodore S. Roberts, MD	2007	Alfred S. Taylor, MD	1942
James T. Robertson, MD	2019	Frank R. Teachenor, MD	1953
Hubert L. Rosomoff, MD	2008	L. Murray Thomas, MD	2012
Richard L. Rovit, MD	2018	Suzie C. Tindall, MD	2016
Ernest Sachs, Sr., MD	1958	Edward B. Towne, MD	1957
Ernest Sachs, Jr., MD	2001	Frank Turnbull, MD	2000
Keiji Sano, MD (<i>Honorary</i>)	2011	Alfred Uihlein, MD	1990
Martin P. Sayers, MD	2013	John C. Van Gilder, MD	2007
John E. Scarff, MD	1978	William P. Van Wagenen, MD	1961
Edward B. Schlesinger, MD	1997	Manuel M. Velasco-Suarez, MD (<i>Honorary</i>)	2001
Henry H. Schmidek, MD	2008	Joan L. Venes, MD	2010
Richard C. Schneider, MD	1986	Henk Verbiest, MD (<i>Honorary</i>)	1997
Luis Schut, MD	2018	Clovis Vincent, MD (<i>Honorary</i>)	1947
Henry G. Schwartz, MD	1998	Howard C. Voris, MD	1980
R. Michael Scott	2023	A. Earl Walker, MD	1995
William B. Scoville, MD	1984	Arthur A. Ward, Jr., MD	1997
Edward R. Seljeskog, MD, PhD	2022	Clark Watts, MD	2019
Bertram Selverstone, MD	1993	W. Keasley Welch, MD	1996
R. Eustace Semmes, MD	1982	Walter W. Whisler, MD, PhD	2020
C. Hunter Shelden, MD	2003	Benjamin B. Whitcomb, MD	1998
Henry A. Shenkin, MD	2007	James C. White, MD	1981
John Shillito, Jr., MD	2012	Robert J. White, MD	2010
Kenneth Shulman, MD	1981	Harry Wilkins, MD	1985
Frederick A. Simeone, MD	2022	Robert H. Wilkins, MD	2017
Frank P. Smith, MD	2003	Charles B. Wilson, MD	2018
Robert R. Smith, MD	2003	Barnes Woodhall, MD	1984
Samuel R. Snodgrass, MD	1975	Frank R. Wrenn, Jr., MD	1990
Bruce F. Sorensen, MD	2017	Shokei Yamada, MD	2017
R. Glen Spurling, MD	1968	Julian R. Youmans, MD	2019
Ladislau Steiner, MD (<i>Honorary</i>)	2013		
Arist A. Stender, MD (<i>Honorary</i>)	1978		

DECEASED MEMBERS

Willis E. Brown, Jr., MD 1938 – 2023

Dr. Brown passed away peacefully on August 12, 2023, surrounded by family and friends. Born December 12, 1938, in Ann Arbor, Michigan. The eldest son of Dorothy Anderson Brown and Dr. Willis E. Brown. He would soon follow in the footsteps of his father and grandfather, Dr. Robert Ellsworth Brown, and become a physician.

Willis attended Vanderbilt University and was a member of the Kappa Alpha Order. During his time at Vanderbilt, commencing both undergraduate (1960) and medical school (1963), he was awarded numerous honors including Phi Beta Kappa Society (1960), the Roche Award (1961), membership to Alpha Omega Alpha Honor Medical Society (1962), and the Founder's Medal (1963) for graduating 1st in his class. It was at Vanderbilt where he met his wife, Elizabeth Ann Bliedung, while he was attending college and medical school. Ann and Willis were married in 1960 and spent several years in Washington, D.C. Willis was drafted by the Civil Service as a Clinical Associate at the National Institutes of Health, where he developed skills in general surgery. Unabated by this detour, his dream was to become a neurosurgeon. Willis was accepted into an elite neurosurgical program at The University of Minnesota, in Minneapolis, MN., where he also earned his PhD in Philosophy (1974). While in residency, his long-time colleague, Dr. Jim L. Story, the founding faculty for the Neurosurgery program, asked him to join the Division of Neurosurgery in San Antonio. Willis and Ann packed up their young family and moved to San Antonio to help redefine medicine in South Texas. In 1974, as a full-time faculty member for the division of neurosurgery

at The University of Texas Medical School at San Antonio and Robert B. Green, the residency training program became fully accredited by the Accreditation Council for Graduate Medical Education (ACGME).

Willis was devoted to his family, church, and community. He believed in giving back with a servant's heart and served on many professional and civic boards including Rotary Club of Alamo Heights (President, 1985-1986), Society of University Neurosurgeons (1987-1988), Society of Neurological Surgeons (President, 1989), Southern Neurological Society (President 1989-1990), and Neurosurgical Society of America (President, 2003-2004). In addition, Willis was deeply committed and involved with St. Luke's Episcopal Church & School for over 45 years. He served on the parish vestry and served as St. Luke's Episcopal School Board Chair (1977-1982) and Texas Military Institute Board Chair (1980).

Willis was preceded in death by his loving and devoted wife of over 56 years, Elizabeth Ann Bliedung Brown and his brother Dr. Robert M. Brown. Willis is survived by his son, Willis E. Brown, III; former daughter-in-law Jenifer Tepera Brown; daughter, Lisa Ann Brown Straub and husband David; grandchildren, August and Elizabeth Straub and Claire Brown. Sister-in-law, Sally Brown O'Neil; her children Robert M. Brown, Jr. (Valerie) and Reidy Brown (John), numerous great nieces and nephews. The family extends their gratitude and special thanks to Irene Alaniz for her loyal companionship and care for over 25 years.

DECEASED MEMBERS

David M. Frim MD, PhD 1960 – 2023

David M. Frim, MD, PhD, former Chief of Neurosurgery at the University of Chicago Medicine, died August 22, 2023. He was 63.

Frim, an internationally known pediatric neurosurgeon and researcher, was noted for his expertise in congenital brain anomalies and his compassion for his patients and their families. He is survived by his wife of 34 years, Tammy Claman, and sons Daniel, Adam and Michael.

Frim was a Harvard-educated Boston native when he was recruited to come to UChicago Medicine. He arrived in 1996 and built a robust pediatric neurosurgery program, said Bakhtiar Yamini, MD, interim Chair of the Department of Neurological Surgery and director of Neurosurgical Oncology. Frim headed what was then known as the Section of Neurosurgery from 2007 to 2020.

Frim treated patients with a wide range of illnesses, but his niche was congenital disorders that can be difficult to manage, according to Yamini. These include Chiari malformation, in which the cerebellum protrudes into the spinal canal and restricts the flow of cerebrospinal fluid, and hydrocephalus, an abnormal buildup of fluid in the brain. Patients would come to Frim from around the world. He continued providing care to pediatric patients after they became adults, sparing them the difficulty of finding a new physician who could manage their complex medical needs.

One patient recalled carrying a teddy bear into surgery and waking into recovery to find Frim had put the bear in scrubs and added a wound dressing to match hers. "I can't tell you how comforting that was," she wrote in a tribute to Frim on a memorial website. She went on to invite Frim to her wedding and introduce him to her daughter. "He was the reason I was alive to be married."

Texas native Baylie Owen became Frim's patient as a baby with a Chiari malformation. Her story brought national attention when, as a 6-year-old in 2005, she began selling handmade bracelets that raised roughly \$70,000 for Chiari research at

UChicago Medicine. "Some may say this is a great thing (I'm sure he would, too) but he did TOO GOOD of a job with my treatment, since the last time I had to see him was roughly 5 years ago," Owen wrote on the memorial website. "I wish he could've seen the woman I am today. His influence on me throughout my entire childhood has made me a better human and I will forever be grateful for that."

"He would spend so much time with each patient and each family and they adored him. He was a very kind man," said Jeffrey B. Matthews, MD, Chair of the Department of Surgery and Frim's classmate at Harvard University and Harvard Medical School.

Margaret Hackett's parents found Frim after other doctors told her they could do nothing more for Margaret's hydrocephalus and craniometaphyseal dysplasia, which results in overgrowth of bones in the skull. That began a relationship that continued for many surgeries and many years, with Margaret Hackett now in her thirties. Her family ultimately gave \$2.5 million to establish the Margaret Hackett Family Center Program in CNS Congenital Anomalies in 2019 at UChicago Medicine to support research and be a resource for patients and families. Frim was program director. "The connection he has with Margaret is incredible," her father, Bill Hackett, said at the time. "His advocacy for her has built a deep sense of trust."

Bob Carter, MD, PhD, Chair of the Department of Neurosurgery at Massachusetts General Hospital, credited Frim, his senior resident at Mass General, as "a powerful influence early in my career. The qualities he exuded—from his unwavering dedication and mentorship to his unique sense of humor—were infectious. He approached each day with fervor and commitment, always striving for excellence and bringing out the best in all of us. His legacy of inspired caregiving and leadership in mentoring is evident in our program today," Carter wrote on the memorial website.

At UChicago Medicine, Frim was named Ralph Cannon Professor of Surgery in 2008. He was a fellow in the American Academy of Pediatrics and the American College of Surgeons,

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DECEASED MEMBERS

David M. Frim MD, PhD

1960 – 2023

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a member of numerous medical societies and associations, past president of the Chicago Neurological Society and former editor-in-chief of the journal *Pediatric Neurosurgery*.

He was an author on more than 150 scientific papers on cerebrospinal fluid dynamics, optimal methods of shunting to address abnormal pressure in the brain, surgical techniques to remove excess bone from the skull, and therapeutic management of blood vessel malformations, intracranial cysts, Chiari malformations and hydrocephalus. "He took pride in being able to solve the most complicated fluid dynamic problems in patients. It can become very complex, and that was one of the areas that he was an expert in," Yamini said.

In 2007, Frim teamed with Janet Hutcheson, a patient's mother, and founded Discovery Camp for UChicago Medicine neurosurgery patients and their families. It offered a camp experience for kids who were often barred from activities like soccer, dodgeball or trampoline use because jostling could worsen their conditions. For parents, the camp provided a reprieve and a support system.

Outside of medicine, Frim's interests were broad: "Star Trek," "Star Wars," tennis, Arthurian legends, archery, swimming, running, Torah study and science, to name a few, said his son Adam during funeral services. Frim was an active member of the

Jewish community in Skokie. "Our father believed to his core in the goodness of the world and of God. He never doubted that things would turn out as they should," his son said.

In a letter written earlier to Frim and his wife and read during funeral services, Robert T. Michael, professor emeritus at the Harris School of Public Policy at UChicago, thanked Frim for compassion toward his wife, Nancy Michael, who saw Frim in 2004 after being diagnosed with a brain tumor. "She broke into tears and told you that she had been fired three days earlier for poor performance over the previous month (this was because of the unknown glioblastoma). You said something like this to her: 'Well, we'll deal with this tumor this week and then, since you are a UChicago PhD research virologist, I'll hire you!'

"You did both. Nancy had a subsequent 18 months of good life thanks to the surgery you performed, and then thanks to the research work you assigned her. I believe her name is on a couple of your research papers. You gave her the satisfaction of knowing her research skills were still valued," Michael wrote. "I write to again say thank you."

DECEASED MEMBERS

Donlin M. Long, MD, PhD 1934 – 2023

Dr. Donlin M. Long, the founding chair of the Johns Hopkins Department of Neurosurgery, died on Sept. 19. He was 89. A highly regarded neurosurgeon and pioneer in the treatment of chronic pain, Dr. Long was well known for his skill at performing virtually every kind of neurosurgical procedure, as well as for his impact on pain reduction research and neurological studies.

While the field of neurosurgery was founded at Johns Hopkins in the early 20th century by Harvey Cushing and Walter Dandy, Dr. Long is credited with establishing the Department of Neurosurgery in 1973, which had previously been a division of the Department of Surgery. By the time Dr. Long stepped down as department director in August of 2000, the full-time neurosurgical faculty had more than doubled. In addition, the surgical caseload had escalated to some 3,500 annually at The Johns Hopkins Hospital and Johns Hopkins Bayview Medical Center, seven centers of expertise had been created, bringing together experts on everything from chronic pain and vascular diseases to skull base surgery and spinal diseases, and research funding had grown exponentially to \$5.5 million a year.

At Johns Hopkins, Dr. Long's groundbreaking research into chronic pain led to the design of the first external transcutaneous electrical nerve stimulator — now universally known simply as TENS — for stimulating peripheral nerves to ease pain. In 1981, he and Johns Hopkins colleagues announced the invention of the first battery-powered, rechargeable, implantable electronic stimulator. It became a standard tool in pain management around the world. In addition, Dr. Long collaborated with colleagues at the Johns Hopkins Applied Physics Laboratory to invent an implantable medication pump, now a standard device used for the administration of insulin in the treatment of patients with diabetes. He also was instrumental in Johns Hopkins' decision to erect the Adolf Meyer Center in 1981,

uniting the departments of neurosurgery, neurology and psychiatry in one building, thereby facilitating unprecedented collaboration among the specialties.

Dr. Long was a mentor to a generation of neurosurgery leaders. Dozens of the residents and faculty members who joined the Johns Hopkins neurosurgery department under Dr. Long between 1973 and 2000 became full professors, heads of their own neurosurgery departments or divisions and leaders in the field.

Born on April 14, 1934, in Rolla, Missouri, Dr. Long obtained his undergraduate degree in 1955 and his medical degree in 1959 from the University of Missouri. During his residency at the University of Minnesota, Dr. Long and fellow resident Joseph Galicich conducted the research that led to the now-universal use of steroids to reduce postoperative brain swelling. While earning his doctorate in neuroanatomy, he also did landmark research on the biological structure of the blood vessels in the brain. Using a then-new device, the electron microscope, he was able to make the first photographs of the cells that form the inner lining of the brain's blood vessels, providing images that revealed why brain swelling led to a breakdown of what is known as the blood/brain barrier.

Dr. Long is survived by his wife of 64 years, Harriett Page Long; three children, Dr. Kimberley Page Riley and her spouse Dr. Lee Hunter Riley, III, Elisabeth Merchant Long, and David Bradford Long and his spouse Dr. Elizabeth Selvin; and four grandchildren. Dr. Long was proud that all of his children and their spouses are either currently working or have worked as faculty or administrators at the Johns Hopkins University School of Medicine, the Krieger School of Arts and Sciences, Whiting School of Engineering, Bloomberg School of Public Health and the Sheridan Libraries.

DECEASED MEMBERS

R. Michael Scott, MD 1941 – 2023

R. Michael Dr. Scott served for many years as Neurosurgeon-in-Chief at Boston Children's Hospital. Dr. R. Michael Scott, 82, passed away at his home in Mattapoisett, MA on August 4, 2023, with his beloved wife, Susan, at his side. Dr. Scott served for many years as Neurosurgeon-in-Chief at Boston Children's Hospital and as Professor of Neurosurgery at Harvard Medical School. He carried out pioneering work on the neurosurgical treatment of stroke in children and was an internationally recognized authority on vascular malformations of the brain in pediatric patients. He was born in Philadelphia as the oldest of four children and the son of Michael Scott, a neurosurgeon, and Catherine Fadde Scott, a child welfare nurse.

After his early schooling in the Philadelphia area, he graduated Phi Beta Kappa from Williams College in 1962, where he majored in English and he obtained his MD degree from Temple University School of Medicine in 1966, where he was Senior Class President. After a Surgical Internship at Boston City Hospital and a two-year clinical research fellowship at the National Institute of Neurologic Diseases and Stroke, he began Neurosurgical residency training at Massachusetts General Hospital, completing his Chief Residency in 1973. Dr. Scott began his academic Neurosurgical career at Tufts Medical Center where he worked for 15 years, developing a specialty practice in Pediatric and Vascular neurosurgery. He then joined the faculty at Boston Children's Hospital and Harvard Medical School, where he became a full Professor and was appointed Neurosurgeon-in-Chief in 2004. He received lifetime achievement awards from the Neurosurgical Society of America, the American Association of Neurological Surgeons Joint Pediatric Section and The New England Neurosurgical Society. A revered teacher, Dr. Scott received the Silen Lifetime Achievement in Mentoring Award from Harvard Medical School in recognition of his training and mentoring of countless residents and students of all levels of medical training.

Throughout his career, he trained more than 25 fellows who themselves became leaders in Pediatric Neurosurgery throughout the country. Mike had many interests outside of medicine including

gardening, literature, opera, classical music, and cinema. Chief among them was his love of jazz and jazz piano-playing. He headed a neurosurgical jazz quintet that played throughout the country for more than 20 years at neurosurgical meetings. He particularly enjoyed playing inventive jazz duets with an accomplished trumpet-playing friend, Jim Rose.

He is survived by his wife of 32 years, Susan Taylor Scott, whom he met when she was an operating room nurse at the New England Medical Center. Mike treasured the many years they had together with long walks, theater, concerts, dinners and travels. Their Mattapoisett home was a beautiful quiet retreat where they could be alone together, garden together and enjoy the company of neighbors. Through the years, with his brother, Dick and his wife, Mary, Mike and Susan enjoyed walking tours to Croatia, Sicily, England, France, and Italy. There were also memorable visits to Normandy and Northern Ireland with his siblings Dick, Bill, Judy, and their spouses. An annual month in Hawaii with Susan was a treasured respite in his post-retirement years. Mike was a loving father to his three children, Elizabeth Tervo, Robert and David Scott and to his stepdaughter, Heather Bliss. He loved being with his five grandchildren: Paul, Lucy, Taylor, Isabella and Mae, whether taking one of them to a Red Sox or Bruins game or just hanging out with them playing board games, singing at the piano or gardening. He also shared his love of gardening with his daughter, Elizabeth, even though she lived on the West Coast, by trading photos of their prized plants and flowers. Like Mike, his sons Robert and David are accomplished musicians themselves, and when the trio got together, their jam sessions were spectacular. Mike's first wife, Catharine Sweeney Scott, predeceased him; and he is survived by their three children, Elizabeth Tervo and her husband, Father Michael Tervo of Bellingham, WA, Robert Scott of Provincetown, MA and David Scott of Brooklyn, NY. He is also survived by his stepdaughter, Heather, and her husband, Greg Bliss of Hingham, MA. Mike has three surviving siblings: Richard Scott and his wife, Mary, of Dedham, William Scott and his wife, Helene, of Indianapolis and Judith Scott and her husband, Don Stillman of Orcas Island, WA.

FUTURE MEETINGS AND PAST MEETINGS

FUTURE MEETINGS OF THE SOCIETY

CLEVELAND, OH

Cleveland Clinic

May 16 - 18, 2025

BIRMINGHAM, AL

University of Alabama, Birmingham

2026

PROVIDENCE, RH

Brown University

2027

PAST MEETINGS

All past meetings of The Society can be found on the SNS website at: societyns.org/meetings/past-meetings.



SNS PROFESSIONALISM POLICY

INTRODUCTION

The SNS has unique organizational qualities derived from serving as the representative society for residency program directors and academic department chairs of neurological surgery. This requires the highest standards for professional conduct appropriate to set an example in the education of future neurosurgeons and to avoid conflicts of interest amongst neurosurgical educators.

On July 26, 2018, the SNS proposed that the One Neurosurgery Summit create a Professionalism Task Force representing the Summit organizations. This task force developed the One Neurosurgery Summit Professionalism and Harassment Model Policy. The intention was that each organization would then utilize and adapt the model policy as required for the special characteristics of its own organization, membership, and By-Laws. The following policies utilize the same definitions included in the One Neurosurgery Summit Professionalism and Harassment Model Policy.

POLICY

1. Participants of any SNS or SNS sponsored event will not engage in any behavior that will undermine or interfere with the goals and purposes of the event including, but not limited to:
 - 1.1. The use of offensive or insensitive language or behavior;
 - 1.2. The use of denigrating comments based on race, national or ethnic origin, color, religion, age, sex, sexual orientation, gender or disability; or
 - 1.3. Harassment, threatening behavior or similar intimidation, or assault of other participants.
2. The SNS endorses a Code of Conduct that requires equal and respectful treatment of others, non-harassment, and non-retaliation, as well as ethical and professional behavior in the conduct of patient care and other professional activities.
 - 2.1. All participants of any SNS event will sign an acknowledgment of willingness to adhere to the meeting policy regarding harassment.
 - 2.2. All SNS members and SNS event participants will be provided this Code of Conduct at the time of event registration and the Code of Conduct will be posted on the event site and in the appropriate location on the SNS website.
 - 2.3. The SNS will also review the submission of any finding by a relevant professional body of unethical or unprofessional behavior by an SNS member in the conduct of patient care or other professional activities. Such professional bodies include but are not limited to state medical boards and licensing agencies, the medical executive committee of the hospital at which the member practices, the American Board of Neurological Surgery, and/or the American Association of Neurological Surgeons (AANS) Professional Conduct Program.
3. The SNS will provide a specific mechanism for reporting conduct that violates the Code of Conduct that will be easily accessed by all members and event participants.
 - 3.1. Any urgent or emergent issues will be addressed by calling 911.
 - 3.2. Any immediately threatening issues will be addressed by calling 911 or other authorities (police).
 - 3.3. A mechanism for protecting the identify of any individual reporting conduct that violates the Code
 - 3.4. Investigation and adjudication will be through a special task force appointed by the President of the SNS to include the Secretary (who will serve as Chair), the President-Elect and 3 additional SNS members in good standing. If the alleged violation relates to diversity or gender, then the task force will make every effort to include representation from that community.
 - 3.5. Accused members will be given the opportunity to make a written or oral statement to the special task force before any task force recommendations are made.
 - 3.6. The Task Force will collect preliminary information from pertinent individuals in written form and then within 3 months make a preliminary recommendation to the Executive Council.
 - 3.7. Where appropriate, the SNS President may additionally or alternatively refer concerns

SNS PROFESSIONALISM POLICY

- for review by an appropriate external body, including but not limited to the AANS Professional Conduct Program.
- 3.8. The SNS Task Force and/or a delegated review body will share findings and make recommendations for action to the SNS Executive Council (SNS Bylaws, Article II, Section B.6).
 - 3.9. An accused member, who after full review and recommendation by the special task force is subject to action by the SNS Executive Council, may request the opportunity to submit a written appeal. The Council will review appeals and provide timely responses to accused members.
 4. Code of Conduct violation reports should be directed through regular or electronic mail or by telephone to an SNS officer, or through submission of an online complaint form. The online complaint form will be present on the SNS website and a link to it will be included in Code of Conduct materials distributed at SNS events.
 5. The SNS will develop or obtain educational material with review required for all Executive Committee members, committee chairs, course directors and holders of other leadership positions prior to assuming duties. Repeat training will be required every 5 years for individuals with ongoing SNS leadership roles.
 6. Individuals reporting Code of Conduct Violations will be protected in the same manner as all reporters and whistleblowers:
 - 6.1. Individuals will be protected from retaliation for reporting in good faith behavior or information which the individual reasonably believes is a violation of this policy.
 - 6.2. To the extent appropriate, the host organizations will endeavor to keep complaints, investigations and any findings related thereto confidential.
 7. The SNS will designate one member of the Annual Meeting Program Committee (or equivalent for other SNS events) to monitor the content of all presentations for compliance with the Code of Conduct. The Chair of the Committee on Resident Education the CoRE subcommittee chairs will serve the same role for SNS curricular materials under their purview.
 - 7.1. The relevant event planning committee will review possible Code of Conduct violations.
 - 7.2. The event planning committee will report to the violation to the SNS President and Secretary with a recommendation for an appropriate course of action to include:
 - 7.2.1. Letter of information;
 - 7.2.2. Letter of reprimand;
 - 7.2.3. Temporary removal from participation in SNS events in a leadership or teaching capacity;
 - 7.2.4. Or permanent removal from participation in SNS events in a leadership or teaching capacity
 - 7.3. Two thirds of the voting members of the SNS Executive Committee may approve final recommendations for action.
 - 7.4. This process will be completed within 6 months of each SNS event.
 8. SNS event planning committees will evaluate all social components of educational events to assure their suitability, promote standards of professionalism, and reduce risk for violation of the Code of Conduct:
 - 8.1. Special attention will be given to social events involving alcohol where residents or junior neurosurgeons directly interact with senior neurosurgeons.
 - 8.2. Duration of events and the availability of alcohol should be assessed as reasonable for the purpose of the event.
 - 8.3. Alcohol will only be available with the concurrent provision of food.
 - 8.4. Event planning committees should include information about associated social components for approval by the SNS Executive Committee.
 9. Guests at any SNS event (speakers, spouses, etc.) will be held to the Code of Conduct as SNS members and may be barred by the SNS Executive Committee from future guest participation.
 10. This policy will be reviewed every 5 years after adoption.
 11. Article 11
 - 11.1 Reports of individual incidents occurring at SNS sponsored events must be made within 30 days of the event. Other reports of professional conduct violations may be made at any time.

SNS PROFILE UPDATES



The Society of Neurological Surgeons is making every effort to provide its members with timely and useful communication, via email and our website. For this reason, it is particularly important for the Secretary's office to have all of your current and accurate contact and biographical information. For your convenience, please visit the SNS website at societyyns.org to update your email address, mailing address, biography, current photograph, and other information.

If you need further assistance, please contact the Secretary's office at:

Gregory J. Zipfel, MD

Society of Neurological Surgeons

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SAVE THE DATE

Cleveland Clinic

Cleveland, OH

May 16 - 18, 2025



The Society of Neurological Surgeons
2025 Annual Meeting



The Society of
Neurological Surgeons