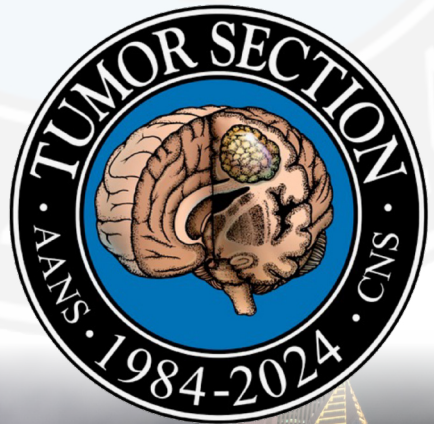


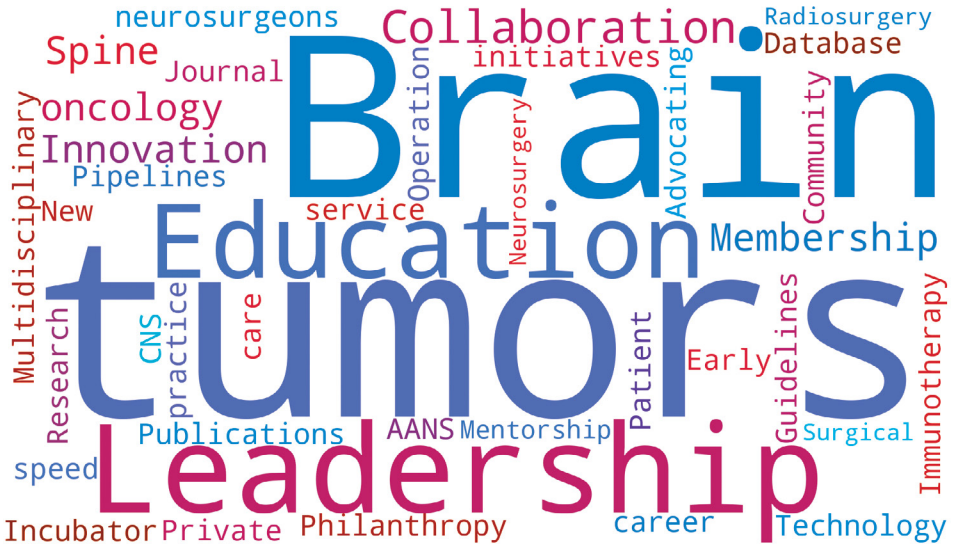
# AANS / CNS SECTION ON TUMORS

## 40<sup>TH</sup> ANNIVERSARY

May 5, 2024

Chicago, Illinois





**AANS/CNS Section on Tumors Over 40 Years**  
Artificial Intelligence World Cloud Rendering

# AANS/CNS SECTION ON TUMORS

New York, May 5, 2024

Dear Friends and Colleagues,

Four decades ago, a vision and aspiration started to emerge and materialize. Dr. Ed Laws, the President of the Congress of Neurological Surgeons (CNS) at the time, extended an opportunity eagerly embraced Dr. Mark Rosenblum. In the Spring of 1984, Dr. Rosenblum led the efforts for foundation of the Section on Tumors. Its establishment marked the inception of the inaugural collective of leading professionals in the United States dedicated to advancing research and education specifically in the realm of brain tumors.



Since then, seventeen successive chairpersons have assumed leadership, supported by and in collaboration with an expanding team of executive committee members and advisors. Collaboratively with its members, they have elevated the Section on Tumors to an unmatched level of prominence within its sphere, nationally and globally.

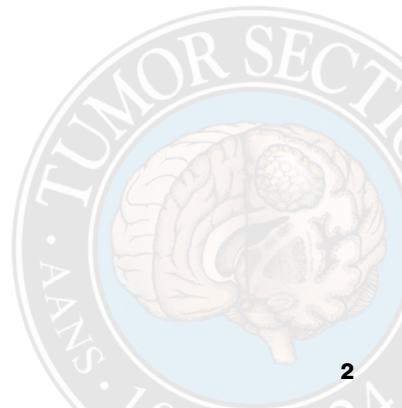
The brochure pays homage to the efforts of each Chairperson and their teams, highlighting the various strides that each person with their teams has taken to surmount obstacles and attain accomplishments. Collectively the diverse areas of Section's development and expansion also encompass the remarkable collaboration and backing from our parent neurosurgical organizations, as well as other national and international societies, foundations, and industry partners.

Over four decades, the Section on Tumors established over 20 annual awards given at each annual meeting of the American Association of Neurological Surgeons (AANS) and CNS. These awards recognize the scientific merit of neurosurgeons dedicated to research in brain and spine tumor fields. In total, more than 200 recipients have earned recognition for their outstanding contributions. Additionally, the Section on Tumor awards research support to neurosurgeons who are trailblazing new ideas to advance the treatment of patients with brain and spine tumors.

To each of you who showed involvement, I extend my congratulations and heartfelt gratitude.

A handwritten signature in black ink that reads "Isabelle Germano". The signature is fluid and cursive, with a large initial "I".

**Isabelle M. Germano, MD, MBA**  
AANS/CNS Section on Tumor Chair



**The inception of the AANS/CNS Section on Tumors in 1984** stemmed from the recognition that the field of neuro-oncology required concentrated attention in the realms of education, political advocacy, and leadership specifically tailored to the subspecialty. Mark Rosenblum undertook the responsibility of leading this initiative. He assembled a cohort of 13 neurosurgeons who shared a dedicated interest in the treatment of malignant primary tumors. Collaboratively, they formulated by-laws, which were officially recognized as a Section of the CNS, and subsequently secured approval from the AANS to establish a Joint Section.

Dr. Rosenblum demonstrated exceptional effectiveness in conveying to the parent organizations the additional advantages and long-term vision of sub-specialization. In order to comprehensively address the spectrum of neurosurgical oncology, the group delineated the Section's scope to encompass both clinical and research aspects, expanding its focus to include all benign and malignant tumors of the nervous system, whether primary or metastatic. Additionally,

he pioneered the provision of funding for awards recognizing advancements in both research and clinical domains, establishing the Preuss Resident's Research Award and the Mahaley Clinical Research Award. Furthermore, Dr. Rosenblum initiated the Section's involvement in the annual meetings of the AANS and CNS by organizing workshops and participating in the selection of abstracts.

As a tribute to Dr. Rosenblum's altruistic endeavors, the Section established the Mark Rosenblum Distinguished Service Award in 1990, presented at each Section's Tumor Symposium to individuals in recognition of their lifelong contributions to neuro-oncology and their dedicated service to the Section on Tumors. Furthermore, the Mahaley-Rosenblum Award, bestowed at the annual meetings of the AANS and CNS, honors outstanding scientific achievements that emphasize innovative methodologies and advancements resulting in enhanced patient outcomes and quality of life.



**Mark L.  
Rosenblum, MD**  
1984-1991

**The most notable accomplishments for the Section during my time as Chair include:**

- Following a request by Dr. Ed Laws, CNS President at that time, I assembled and led the initial Executive Committee and Advisory Board composed of clinical experts and chairs, who met regularly to develop strategic plans and establish the Section's framework.
- Over seven years, under dedicated leadership, the Section expanded its membership, enhanced its financial stability, and continued to contribute to the field.
- The Section assisted in abstract selection for annual meetings of each parent organization, maintained open communication with leadership, refrained from hosting separate meetings that could compete with national events, and organized clinical workshops during main meetings on key tumor topics.

**The biggest challenges during my tenure as Section's Chair comprise:**

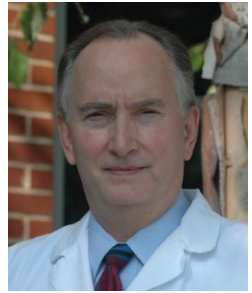
- Overcoming resistance from parent organizations which initially questioned the necessity of specialty organizations and feared a potential decline in attendance at their national meetings due to the Section's formation.
- Altering the perception of specialists focusing on tumors from being solely researchers to valuable contributors serving the broader neurosurgery field and establishing credibility for the Section on Tumors within the neurosurgical community and national organizations, ensuring that it provided value not only to individual members but also to our parent organizations.
- Addressing the challenge of limited initial funding to kickstart the Section's activities, requiring innovative approaches to resource acquisition and management. Additionally, altering the perception of specialists focusing on tumors from being solely researchers to valuable contributors serving the broader neurosurgery field.

**The most notable accomplishments for the Section during my time as Chair include:**

- Ensured a balanced array of content catering to the needs of both practicing and academic surgeons within the Section's activities.
- Successfully increased the Section's membership base through strategic initiatives and outreach efforts.
- Enhanced the level of participation among neurosurgeons, fostering greater engagement and involvement in Section activities and programs.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Establishing clear objectives and defining the primary role of the Section within the neurosurgical community.
- Identifying and actively recruiting neurosurgeons to participate in Section activities and initiatives.
- Sustaining the high levels of interest and engagement initially achieved, ensuring continued momentum and relevance within the field of neurosurgery oncology.



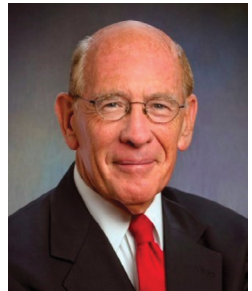
**Dennis E.  
Bullard, MD**  
1991-1993

**The most notable accomplishments for the Section during my time as Chair include:**

- Instituted the inaugural satellite symposium, marking a significant milestone in the Section's event programming.
- Integrated the Section seamlessly into the fabric of annual meetings, solidifying its importance and presence within the neurosurgical community.
- Shifted focus to encompass not only malignant tumors but also benign ones, broadening the Section's scope and relevance within neurosurgery.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Building on the efforts of visionaries such as Dr. Mark Rosenblum and Dr. Dennis Bullard to affirm the specialized nature of tumor surgery within neurosurgery.
- Expanding both the membership base and financial resources of the Section.
- Enhancing the representation of tumor neurosurgery at the CNS and AANS Annual Meetings, within editorial boards, and in engagements with the National Cancer Institute (NCI).



**Peter M.  
Black, MD, PhD**  
1993-1995





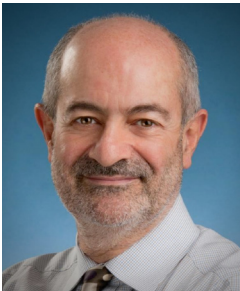
**William F.  
Chandler, MD**  
1995-1997

**The most notable accomplishments for the Section during my time as Chair include:**

- Established the first grant award to support neuro-oncology research, introducing the Translational Research Grant Award sponsored by the National Brain Tumor Association, aimed at providing annual funding of \$15,000.
- Developed the second Neuro-oncology Satellite Symposium, featuring four key topics and three open scientific sessions showcasing competitively selected abstracts.
- Formed the Council of Neuro-Oncology Leadership, comprising leaders from various disciplines including radiation oncology, neuropathology, neuroradiology, medical oncology, and basic neurosciences, aimed at enhancing multidisciplinary communication.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Improving multidisciplinary communication on neuro-oncology topics.



**Mark  
Bernstein, BSc, MD**  
1997-1999

**The most notable accomplishments for the Section during my time as Chair include:**

- Published practice parameters for low-grade gliomas.
- Registered 50-plus centers and hundreds of patients into the Glioma Outcome (GO) project, designed to facilitate malignant glioma care by collecting patient outcomes.
- Collaborated with The Radiation Therapy Oncology Group (RTOG) to provide neurosurgical input to develop multi-center clinical trials.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Providing support to reassure Section members during the creation of the Society for Neuro-Oncology (SNO), amid concerns from some senior members about potential competition.

## **The most notable accomplishments for the Section during my time as Chair include:**

- Achieved a substantial increase in membership, reflecting the Section's growing influence and appeal within the neurosurgical community.
- Strengthened collaboration and engagement with the Journal of Neuro-oncology, enhancing opportunities for publication and dissemination of research among Section members.
- Successfully organized an interim meeting aimed at establishing a brain tumor section in local hospitals, while also increasing representation of foreign surgeons in leadership roles on the executive committee, fostering diversity and global perspectives within the Section.

## **The biggest challenges during my tenure as Section's Chair comprise:**

- Securing a partnership with the Journal of Neuro-Oncology to publish abstracts from the AANS annual meetings, enhancing the visibility and dissemination of research presented at these gatherings.
- Assuming administrative responsibility for the prestigious Farber Award, recognizing promising new investigators within the Section and contributing to the advancement of neuro-oncological research.
- Providing financial support to the Washington Committee, underscoring the Section's commitment to advocating for neurosurgery-related issues at the national level.

## **The most notable accomplishments for the Section during my time as Chair include:**

- Launched multiple new Tumor Section Awards to recognize outstanding contributions within the field, fostering a culture of excellence and recognition among members.
- Collaborated with medical illustrator Ian Suk to design the current Tumor Section Logo, establishing a distinctive visual identity for the Section.
- Actively promoted Tumor Section publications in prestigious journals like the Journal of Neuro-Oncology and Neurosurgical Focus, enhancing visibility and dissemination of research findings within the neurosurgical community.

## **The biggest challenges during my tenure as Section's Chair comprise:**

- Played a pivotal role in organizing the 5th Biennial Tumor Section Satellite Symposium, contributing to the successful execution of the event
- Demonstrated leadership during the challenging times of 9/11
- Advocated for addressing the reduction in Radiosurgery CPT Codes and providing support to the Washington Committee highlighting the Section's commitment to addressing critical issues impacting the neurosurgical community and patient care.



**Joseph M.  
Piepmeier, MD**  
1999-2001



**James T.  
Rutka, MD, PhD**  
2001-2003



**Raymond E.  
Sawaya, MD**  
2003-2005

**The most notable accomplishments for the Section during my time as Chair include:**

- Commemorated the 20th anniversary of the Section on Tumors.
- Published a special issue of the Journal of Neuro-oncology on the State of the Art of Neurosurgical Oncology.
- Unveiled the inaugural Charles Wilson Award, funded by the National Brain Tumor Foundation, to honor Dr. Mark Rosenblum, the founding Chair of the Section.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Navigated unexpected disagreements between the AANS and CNS about the organization logistics of the Tumor Section Symposium.
- Historically, the competition between our two parent organizations was at his highest and before a "détente" occurred and cooperation expanded.
- Faced pressure to renegotiate arrangements, but maintained original plans for the Section's symposium, leading to a successful outcome.



**Ronald E.  
Warnick, MD**  
2005-2007

**The most notable accomplishments for the Section during my time as Chair include:**

- Launched the Academic-Community Alliance to foster collaboration among brain tumor surgeons across different practice settings, including academic, privademia, and private practice.
- Instituted the BrainLab Community Neurosurgery Award to recognize the best abstract by a neurosurgeon practicing outside academic institutions, promoting inclusivity and excellence in research. Additionally, the Section initiated the Section on Tumors /BrainLab International Research Fellowship, providing international neurosurgeons with a one-year research training opportunity in the U.S., mirroring the reverse Van Wagenen model.
- Established subcommittees for Medical Neuro-Oncology and Skull Base Surgery, forging closer ties with the Society of Neuro-Oncology and North American Skull Base Society, respectively, including organizing joint meetings.

**The biggest challenges during my tenure as Section's Chair comprise:**

- The Section's identity predominantly centered around academic neurosurgeons specializing in glioma surgery, reflecting a perceived narrow focus within the neurosurgical community.
- Despite diverse international representation, the Section lacked structured training opportunities tailored for international neurosurgeons, highlighting a gap in educational initiatives aimed at fostering global neurosurgical expertise and collaboration.
- Formal connections with other national brain tumor organizations were absent, indicating a need for enhanced collaboration and networking within the broader neuro-oncology landscape.



## **The most notable accomplishments for the Section during my time as Chair include:**

- Successfully organized the inaugural Section on Tumors and Society of Neuro-Oncology satellite meeting in 2009, marking a significant milestone in collaborative efforts within the field.
- Secured a substantial funding amount Section for the development of Brain Metastases Guidelines, highlighting the commitment to advancing research and clinical practice in neuro-oncology.
- Co-edited with Dr. Linda Liau the first supplement for the Journal of Neuro-Oncology to commemorate the Section's 25th anniversary, resulting in the publication of two extensive volumes, showcasing the Section's dedication to scholarly dissemination and celebration of achievements in the field.

## **The biggest challenges during my tenure as Section's Chair comprise:**

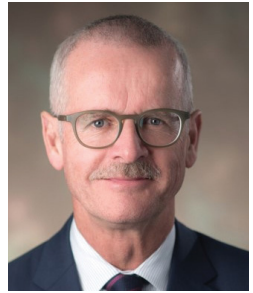
- Implementing strategies to boost international representation and engagement within the Section.
- Planning and executing a memorable 25th Anniversary Celebration during the 2009 AANS meeting.
- Developing a dedicated supplement to the Journal of Neuro-Oncology to highlight the Section's research and clinical accomplishments for its first 25 years.

## **The most notable accomplishments for the Section during my time as Chair include:**

- Facilitated the development and dissemination of guidelines for brain metastases, recurrent gliomas, and spine metastases through a collaborative, multidisciplinary efforts and initiated the Clinical Trials Committee to expand neurosurgical clinical trials.
- Expanded outreach to community neurosurgery through a series of webinars from our newly developed Community Collaborative Initiatives.
- Strengthened international engagement in neuro-oncology by broadening representation from Asia, Africa, Australia, and the Middle East, alongside support for various international neuro-oncology conferences.

## **The biggest challenges during my tenure as Section's Chair comprise:**

- Coordinating a collaborative Tumor Satellite Symposium alongside the Society for Neuro-oncology to bolster international engagement in the field of neuro-oncology.
- Broadening participation in global neuro-oncology initiatives.
- Diversifying neurosurgery-focused clinical trials to encompass a wider range of approaches and participants.



**Michael W.  
McDermott, MD**  
2007-2009



**Jeffrey N.  
Bruce, MD**  
2009-2011



**Frederick F.  
Lang, MD**  
2011-2013

**The most notable accomplishments for the Section during my time as Chair include:**

- Created the Abhijit Guha Award in conjunction with SNO, and created the Section on Tumors/BrainLab International Award.
- Championed the idea that surgical neuro-oncology was “not just brain tumors” by establishing representation on the Section’s Executive Committee for Skull Base Tumors (Dr. Nick Levine) and Spine Tumors (Dr. Laurence Rhines).
- Celebrated the 10th Anniversary of Biennial Satellite Symposium in New Orleans in 2013, including creating a brochure, “History of the Biennial Satellite Symposium,” summarizing the 10 prior biennial satellite meetings.

**The biggest challenges during my tenure as Section’s Chair comprise:**

- Held concurrent roles as Chair of the Section and President of the Society for Neuro-Oncology (SNO), presenting both challenges and opportunities in managing these organizations simultaneously.
- Negotiated the delicate balance of maintaining the Section’s value while SNO expanded in size and scope, establishing the Sections value as the leader in neurosurgical oncology.
- With the prior chair, negotiated terms for the 9th Biennial Satellite Meeting as part of the SNO meeting in Anaheim, CA, November 17-20, 2011.



**Fred G.  
Barker II, MD**  
2013-2016

**The most notable accomplishments for the Section during my time as Chair include:**

- The bylaws revision to handle unexpected inability of an officer to serve their term.
- The collaboration with AANS leadership to establish the Section Forum at the AANS Board of Directors meeting.
- The development of a new Section website and establishment of the Development and Social Media Executive Committee sub-committees.

**The biggest challenges during my tenure as Section’s Chair comprise:**

- The unexpected passing of Dr. Andy Parsa, President-Elect, two weeks prior to commencing his term of service.
- The continual reliance on corporate sponsorship, with potential clashes arising from the AANS One Ask policies.
- The challenges in fostering effective communication and collaboration between the Section and its parent organizations.

## **The most notable accomplishments for the Section during my time as Chair include:**

- Expanded the section membership to young neurosurgeons, international neurosurgeons and those serving on the Executive Committee, with the launch of our first social media presence.
- Formalized our Guidelines efforts, becoming the leading section providing content for the CNS Guidelines Committee, with fast-tracked publishing in both JNO and Neurosurgery after AANS/CNS Joint Guidelines Review Committee (JGRC) approval.
- Launched several new industry partnerships, secured Honor Your Mentor funding for multiple key tumor section luminaries, and obtained CNS sponsorship of our satellite meeting to provide financial support for our strategic plan.

## **The biggest challenges during my tenure as Section's Chair comprise:**

- Maximizing the resources provided by our parent organizations while carving out funds necessary for administrative/operational support to expand section initiatives.
- Addressed declining industry support for awards and sponsorships, while simultaneously spearheading Section-led clinical trials initiatives on a national scale.
- Reinvigorating the Satellite Meeting format to counteract declining attendance observed over the previous decade, aiming to revitalize engagement and participation within the community.

## **The most notable accomplishments for the Section during my time as Chair include:**

- Strengthening support for NREF tumor grants aimed at residents and young faculty, fostering the next generation of brain tumor researchers and clinicians.
- Achieving record attendance and revenue at the Tumor Satellite meeting held in Houston, signaling the Section's growing influence and financial sustainability.
- Overhauling awards within the Section to ensure that all accolades receive backing from philanthropic entities or industry partners, enhancing the prestige and impact of the recognition bestowed upon recipients.

## **The biggest challenges during my tenure as Section's Chair comprise:**

- The Executive Committee's size posed challenges to productivity due to increased complexity and coordination difficulties.
- The COVID-19 pandemic disrupted my chair's final meeting, impeding the dissemination of crucial presentations and hindering the progression of research support initiatives within the brain tumor community.
- Transitioning to the next chair was complicated by the lack of virtual alternatives during the pandemic, presenting additional challenges in maintaining continuity and momentum within the Section.



**Steven N.  
Kalkanis, MD**  
2016-2018



**Manish K.  
Aghi, MD, PhD**  
2018-2020



**Jason P.  
Sheehan, MD, PhD**  
2020-2022

**The most notable accomplishments for the Section during my time as Chair include:**

- Significantly broadening the brain tumor and SRS registries through a dramatic expansion initiative.
- Transitioning scientific and educational programming to online platforms like Tumor Talk, facilitating accessibility and engagement.
- Amplifying the influence and outreach of the JNO to extend its impact within the neurosurgical community.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Coping with the unprecedented challenge posed by the COVID-19 pandemic and its profound effects on the Section's core missions.
- Adapting to and mitigating the multifaceted impacts of COVID-19 on the Section's operational and strategic endeavors.
- Rescheduling in-person Section's meeting including the biennial Symposium due to COVID-19.



**Isabelle M.  
Germano, MD, MBA**  
2022-2024

**The most notable accomplishments for the Section during my time as Chair include:**

- Revised and ratified Section bylaws to augment the number of leadership roles, introducing a hierarchical sequence for succession planning and organizational stability.
- Developed Standard Operating Procedures (SOPs) to delineate the mission and objectives of each of the Section's 20 Executive Committee Sub-committees, ensuring clarity and alignment in operational functions.
- Broadened grassroots communication and networking initiatives among executive committee members and Section participants, with a specific focus on early to mid-career neurosurgeons, fostering collaboration and mentorship opportunities.

**The biggest challenges during my tenure as Section's Chair comprise:**

- Addressing divergent perspectives within the Section, balancing the desire of some members to maintain the status quo with others advocating for change, fostering consensus and forward progress.
- Working with each of the 20 sub-committee chairs to develop a shared vision and establish concrete objectives, ensuring alignment with the Section's overarching goals and priorities.
- Enhancing diversity within the executive committee membership and leadership positions to more accurately reflect the demographics and expertise of the contemporary neurosurgical oncology workforce.

# SECTION ON TUMORS AWARDS

**Congratulations to all the awardees listed at:** <https://www.tumorsection.org/aans-award-winners>

## **AANS/CNS Section on Tumors Trainee Award**

Sponsored by the Section on Tumors, awarded to a high-ranking brain tumor clinical or basic science abstract submitted by a resident or medical student from a rising program defined as an institution that has received two or less awards since 2015.

## **American Brain Tumor Association (ABTA)**

### **Young Investigator Award**

Sponsored by the American Brain Tumor Association, awarded to a junior faculty member involved in neuro-oncology research who has demonstrated outstanding potential for future basic science research.

## **Ronald L. Bittner Award**

Sponsored by the endowment by Mrs. E. Laurie Bittner in memory of her husband, awarded to the high scoring abstract submitted to the AANS meeting on Brain Tumor Research by a resident or junior faculty member.

## **Brainlab Neurosurgery Award**

Sponsored by Brainlab, awarded to a neurosurgeon practicing in a nonacademic or international setting with a high scoring abstract related to central nervous system tumors.

## **Columbia Softball Skull Base Surgery Award**

Sponsored by Columbia Softball, awarded to a high-ranking abstract related to skull base surgery by a resident or medical student. The senior author of the paper must be a member of the AANS/CNS Section on Tumors.

## **The Gladiator Project Award**

Sponsored by the Gladiator Project, awarded to a high scoring translational abstract on adult glioblastoma by a medical student, resident, fellow, or attending physician.

## **Globus Spine Tumor Award**

Sponsored by Globus Spine, awarded to a high-scoring abstract submitted investigating spine tumors.

## **Abhijit Guha Award**

Sponsored by the Section on Tumors and the Society of Neuro-Oncology (SNO), awarded on alternating years at the CNS or SNO Annual Meeting to an outstanding clinician with an active research laboratory and has an excellent track record of training and mentoring.

## **Integra Award**

Sponsored by the Integra Foundation, awarded to a high-scoring abstract submitted investigating benign brain, spinal or peripheral nerve tumors.

## **James Rutka Pediatric Brain Tumor Award**

Supported by the Honor-Your-Mentor NREF Rutka fund, this award is given to a high scoring abstract on pediatric brain tumors.

## **Journal of Neuro-Oncology Award**

Sponsored by Springer Publishers, awarded to a highly ranked abstract in either clinical or basic science as related to neuro-oncology.

## **KLS Martin Tumor Award**

Sponsored by KLS Martin, awarded to a high scoring abstract on brain tumors.

## **Leica Proficient Surgical Tumor Award**

Sponsored by Leica Proficient Surgical, awarded to a high scoring abstract using this technology for brain tumor surgery.

## **Lunsford and Leksell Radiosurgery Award**

Supported by the Honor-Your-Mentor NREF Lunsford fund, awarded to a high scoring stereotactic radiosurgery (SRS) abstract.

## **Mizuho Minimally Invasive Brain Tumor Surgery Award**

Sponsored by Mizuho, awarded to a high scoring abstract focused on minimally invasive techniques for brain tumor surgery by a resident or neurosurgeon.

## **National Brain Tumor Society (NBTS) Award**

Sponsored by NBTS, awarded to a high scoring abstract by a resident or attending physician presenting work on minority, underserved, and/or rural populations with brain tumors or doing innovative early phase clinical trials.

## **Rosenblum-Mahaley Clinical Research Award**

Sponsored by Dr. Rosenblum's pledged funds, awarded to a neurosurgery resident, fellow, or attending physician with a high scoring clinical study in neuro-oncology. Special recognition is given to innovative approaches and those that lead to improved patient outcomes and quality of life.

## **Southeastern Brain Tumor Foundation (SBTF)**

Sponsored by the SBTF, awarded to a high scoring translational abstract on adult or pediatric brain tumors by a medical student, resident, fellow, or attending physician.

## **StacheStrong Award**

Sponsored by StacheStrong, awarded to a high scoring translational abstract on adult glioblastoma by a medical student, resident, fellow, or attending physician.

## **Stryker CNS Tumor Award**

Sponsored by Stryker, awarded a high scoring abstract on central nervous system tumors by a medical student, resident, or faculty.

## **Synaptive Preuss Award**

Sponsored by Synaptive Medical, this award is given to a high scoring basic science research paper focused on brain tumors.

## **Zeiss Brain Tumor Research Award**

Sponsored by Zeiss, this award is given to a high scoring abstract using this technology for brain tumor surgery.

## October 6-7, 1994 (CNS)

### Chicago, Illinois

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**Section Chair:**

Peter Black

**Meeting Chair:**

Mitchel S. Berger

**Featured Topics:**

- Gene sequences important in oncogenesis
- Invasiveness and metastasis in CNS tumors
- New concepts in tumor therapy

## October 3-4, 1996 (CNS)

### Montreal, Canada

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**Section Chair:**

William Chandler

**Meeting Chair:**

Raymond Sawaya

**Featured Topics:**

- Radiobiology, epidemiology
- Cell growth regulation
- Molecular therapy and prognosis

## April 30-May 1, 1998 (AANS)

### Philadelphia, Pennsylvania

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**Section Chair:**

Mark Bernstein

**Meeting Chair:**

James T. Rutka

**Featured Topics:**

- Tumor promoters and suppressors
- Angiogenesis and invasion meningioma
- Futuristic therapies

## April 13-14, 2000 (AANS)

### San Francisco, California

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**Section Chair:**

Joseph Piepmeier

**Meeting Chair:**

Ronald E. Warnick

**Featured Topics:**

- Novel delivery system
- Skull base meningioma and craniopharyngioma
- Translational strategies for pediatric brain tumors

## April 11-12, 2002 (AANS)

### Chicago, Illinois

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**Section Chair:**

James Rutka

**Meeting Chair:**

Nalin Gupta

**Featured Topics:**

- Management of low-grade gliomas
- Primer on brain tumor biology for clinicians
- Intra-operative navigation systems and new technology

## October 21-22, 2004 (CNS)

### Chicago, Illinois

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**Section Chair:**

Ray Sawaya

**Meeting Chair:**

Fredrick Lang

**Featured Topics:**

- Stem cells and brain tumors
- Molecular images of brain tumors
- Neurosurgical oncology updates

## April 13-4, 2007 (AANS)

### Washington, DC

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**Section Chair:**

Ron Warnick

**Meeting Chair:**

Andrew Parsa

**Featured Topics:**

- Alliance: A cooperative approach to brain tumor therapy
- Skull base tumors
- Career development

## October 22-24, 2009 (CNS with SNO)

### San Diego, California

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**Section Chair:**

Mike McDermott

**Meeting Chairs:**

Randy Jensen

Fredrick Lang

**Featured Topics:**

- Comprehensive treatment planning for GBM
- Future treatments of high grade glioma and integrins
- Neurosurgical oncological endoscopy



## November 17-20, 2011 (SNO) Anaheim, California

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### Section Chair:

Jeff Bruce

### Meeting Chairs:

Michael Vogelbaum

Tim Cloughesy

### Featured Topics:

- Viral gene therapy, brain cancer cell origins
- Surgery for nonmalignant skull base tumors
- Intraoperative surgical adjuncts to visualize tumor

## April 26-27, 2013 (AANS) New Orleans, Louisiana

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### Section Chair:

Fredrick Lang

### Meeting Chairs:

Nader Sanai

Isaac Yang

### Featured Topics:

- Immunotherapy of the treatment of gliomas
- Surgical adjuncts to optimize tumor resection
- Meningioma symposium on multi-disciplinary management

## May 1-2, 2015 (AANS) New Orleans, Louisiana

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### Section Chair:

Fred Barker

### Meeting Chair:

Jonas Sheehan

### Featured Topics:

- Technological advances in glioma surgery
- Molecular advances in glioma treatment
- Management of brain mets, surgically based clinical trials

## September 23-24, 2016 (AANS) San Diego, California

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### Section Chair:

Steven Kalkanis

### Meeting Chairs:

Brian Nahed

Chetan Bettagowda

### Featured Topics:

- Management of low grade gliomas
- Gliomas maximal safe resection

## October 5-6, 2018 (CNS) Houston, Texas

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### Section Chair:

Manish Aghi

### Meeting Chairs:

Jeff Weinberg

Isaac Yang

### Featured Topics:

- Brain tumor surgical technologies
- Big data applications to brain tumors
- Immunotherapy

## October 15-16, 2021 (CNS) Austin, Texas

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### Section Chair:

Jason Sheehan

### Meeting Chairs:

Michael Vogelbaum

Ian Dunn

### Featured Topics:

- Spinal oncology
- Tumor microenvironment
- Neurosurgeon as a clinician scientist

## September 8-9, 2023 (CNS) Washington, DC

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### Section Chair:

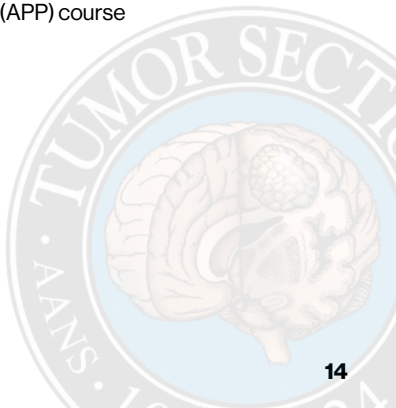
Isabelle Germano

### Scientific Chair:

Gelareh Zadeh

### Featured Topics:

- Glioma and meningioma recurrence prediction and treatment
- Recurrent brain and spine mets: Intersection of science and surgery
- Inaugural neuro-oncology advanced practice providers (APP) course



# AANS/CNS SECTION ON TUMOR EXECUTIVE COMMITTEE 2022-2024

## Chair

Isabelle Germano

## Past-Chair

Jason Sheehan

## Secretary-Treasurer

Costas Hadjipanayis

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