

# Pediatric Short Cuts

AANS/CNS Section on Pediatric Neurological Surgery

## FINAL CHAIR'S MESSAGE



As my service on the Section Executive Committee (EC) comes to a close, I would like to thank the officers (Matt Smyth, chair-elect; Rich Anderson, secretary; Ruth Bristol, treasurer and Mark Krieger, past-chair) for their partnership, and all of you for your confidence in us. When our EC took office two years ago, our goal

was to transform the section into a hub of opportunities and collaborations. This newsletter illustrates how simply giving people a platform and a voice empowers them to make a difference. I hope you will enjoy, as much as I have, reading about the accomplishments of the various committees, from advocacy and diversity, to education, quality and research.

It is said that the end of all knowledge is service to others. In our remarkable specialty, we are ideally positioned for service, from the young freshmen to the gray veterans, doctors and nurses, teachers and students. We are trained in exceptionally technical and cerebral skills, given the privilege to care for suffering children and families and provided a pedestal from which we can influence many. To the young surgeons, nurses, APPs, residents and students, please take note that every

“With a solid infrastructure, dedicated leaders and an engaged membership, the section’s prospects are very bright.”

level of contribution to our shared mission is relevant and meaningful. And to those who’ve been around the block a few times, please consider that sharing your vast experience can be critical to the success of the rising generation.

My hopes for the future of the section include growing a structured network of domestic and international alliances across clinical and research collaboratives, with a solid financial footing and firm links to other pediatric and neurosurgical societies, non-profit patient advocacy groups and industry. Under Matt Smyth’s leadership, your executives are ready to take the organization to even greater heights of innovation, support and service. With a solid infrastructure, dedicated leaders and an engaged membership, the section’s prospects are very bright.

**Bermans J. Iskandar, MD, FAANS**

**In this Issue...**

Richard Anderson (Editor)

Chair Elect’s Message..... 2

International Relations Committee ..... 3

Treasurer’s Report ..... 3

American Board of Pediatric Neurosurgery (ABPNS) Report..... 4

Guidelines Committee ..... 5

History Committee ..... 5

YNPNS..... 5

Quality Improvement Committee ..... 6

Tumor Liaison Report ..... 6

Education Committee..... 7

Advanced Practice Providers (APP) Committee ..... 8

Spotlight:  
Haley Vance, DNP, APN, CPNP-AC ..... 8

AANS/CNS Section on Pediatric Neurological Surgery Membership Report ..... 9

National Meetings Subcommittee..... 9

Communications Committee..... 10

AANS/CNS Drugs and Devices Committee Updates ..... 11

Annual Meeting ..... 12

AANS/CNS Section on Pediatric Neurosurgery Officers and Committees..... 14

*The views reflected in this newsletter are solely the views of the authors and do not necessarily represent the views, opinions or positions of either the AANS or the CNS.*

**CHAIR ELECT’S MESSAGE**

Matt Smyth, MD

As your next Chair of our AANS/CNS Joint Section on Pediatric Neurological Surgery, I have some large shoes to try to fill. The Executive Committee leaders over the past decade have dramatically strengthened and expanded our Section and its activities. Fundamental to our ongoing success is our financial health. As you will see in Dr. Bristol’s report, the Section now has substantial cash reserves, despite the challenges of pandemic-related meeting cancellations and market volatility. Our annual meetings—which I view as the *raison d’etre* of the Section—remain highly attended and engaging. The Executive Council made the decision to transition our meeting management to the CNS last year, after a long and successful partnership with AANS. This resulted in an eminently successful meeting in Washington DC, led by our local hosts Drs Bob Keating and Hasan Syed. We are currently working with the CNS, Dr. Andrew Jea, and his team, planning our next meeting in Oklahoma City this December. In addition to shepherding the financial health of our Section and striving to provide high quality annual scientific meetings, our outgoing Chair, Dr. Benny Iskandar, has catalyzed a transformation in our Section’s committee structure. Numerous opportunities are now available for our members—at all levels-- to participate in Section activities, ranging from education, research, outreach, administration, diversity, communications, industry partnership and international activity and liaisons, just to name a few. Dr. Iskandar epitomizes the term ‘servant-leader,’ and has worked tirelessly on our behalf to improve the breadth and depth of our Section’s contributions to pediatric neurosurgery. Integral to the success of the dramatic expansion of our committee structure has been our Secretary, Dr. Rich Anderson, who has managed to keep the wheels on throughout this past term: keeping all of the committees on task, and organized, with their work and reports to the Executive Committee throughout the year. We look forward to welcoming Dr. David Limbrick to the Committee as our new Treasurer, and as the new slate of officers takes over in April, we will work to preserve and expand the momentum generated by the previous Section Chairs: Drs Iskandar, Krieger, Proctor and Gaskill. The Executive Committee will be working to solidify our financial health by creating endowments to support our education and research fellowships, partnering with our parent organizations, and joining with industry to leverage opportunities to enhance and support our activities. I can speak for the entire Executive Committee by encouraging your input and partnership for the next term, and I am excited to help lead our Section throughout 2023 and 2024!

## INTERNATIONAL RELATIONS COMMITTEE

Christopher Bonfield, MD, FAANS, and  
Eylem Ocal, MD, FAANS

The AANS/CNS Section on Pediatric Neurological Surgery International Relations Committee (IRC) continues to promote the global neurosurgical efforts of its section members.

The successful Annual Section Meeting in Washington DC had a distinct global neurosurgery flair on its first day, including a live international virtual panel of neurosurgeons from Egypt, Singapore and South Africa, a keynote lecture from Ukraine and abstracts on global neurosurgery, diversity and equity in health care and equal access to pediatric surgical care. The first "Best Global Neurosurgical Paper" award was given to Maria Punchak for her work "Presentation, Treatment Outcomes, and Referral Patterns of NTDs in SW Uganda." Furthermore, the meeting also contained a pre-meeting global neurosurgery course (organized by Caitlin Hoffman and Samer Elbabaa) with a half day of talks and discussion with numerous in-person and international virtual attendees. The IRC hopes to expand both of these efforts for next year's meeting.

The IRC is also excited to announce the Sanjiv Bhatia Global Fellowship, which will offer North American residents/fellows the opportunity to participate in a sponsored clinical/research experience hosted at a global institution. We hope to have our first recipients of this award this year. The IRC continues to identify section members who collaborate internationally with the purpose of enlisting them as mentors. Please check the Peds Section Website for full details and instructions. Thanks to our Belinda Shao, George Koutsouras, Yosef Dastagirzad and the Communications Committee for creating the website: <https://pedsneurosurgery.org/international-relations/> (QR link below). On the



site you will find links to the Global Endeavors listing and submission form, as well as the Sanjiv Bhatia Global Fellowship call for mentors and applicants.

## TREASURER'S REPORT 2023.04.06

The Pediatric Section remains in good financial health. Total net assets as per the last (1/31/2023) financial statement totaled \$1,312,109. This is a decrease from the prior year (\$1,611,634) but continues to reflect a reserve to support an entire annual meeting plus Section activities for around two years without any revenue.

### Annual Meeting

The section offered the highest-attended in-person meeting at 459 registrants in Washington, DC. The virtual component was available at a reduced cost to national attendees, and free for international attendees. The expense report for the 2022 Annual Meeting for the AANS/CNS Joint Section in Pediatric Neurological surgery is still being finalized. Initial review reveals certain changes in the post-COVID financial culture of large-scale meetings that will need to be adapted to for the future. Although corporate revenue and registration revenue came in nearly \$20,000 over budget, that did not offset the rate hikes in Audio-visual, Food & Beverage and venue costs. The section is working with the CNS to secure the most favorable possible contracts for future meetings.

### Long Term Investments

The Section's long-term investment account has suffered the same fate as other markets, with a loss of \$275,412 to \$817,297. Short-term investments remain stable at \$250,675. The Section's long-term investments are handled via a pooled investment portfolio with the other sections, which allows the sections to get into funds not otherwise available to smaller investors. There is an additional investment with the CNS Foundation of \$250,000 which was matched by the CNS.

### Honor your Mentor Funds

As of 1/31/2023, the A. Leland Albright fund has received total pledges of \$59,105 (with \$9,821.71 in investment earnings) and has disbursed \$32,200. The Sanjiv Bhatia fund has pledges of \$53,900 (investment earnings \$6,032.53) and has not yet had any disbursements but has achieved the 50K benchmark required. The interest from this fund will be used for a new global grant in coming years. The Marion "Jack" Walker fund has accumulated \$28,290 (investment loss of \$712.35), also without disbursement.

### Specific Expenses and Financial Resolutions

The Section has expanded its commitment toward educational and research missions. Between the Section research awards, the Pediatric Neurosurgical Research & Education Foundation (NREF) Fellowship grant and domestic and international traveling fellowships, and private foundation donations, the section now offers 13 different awards. An ad-hoc committee to explore partnering with industry met in DC this year and initiated productive discussions for engagement. With respect to the renewed interest in gun control measures, the Section supported a Neurosurgical representative (Dr. Jonathan Martin) who attended the ACS Firearm Safety Summit in 2022.

Respectfully submitted,  
Ruth E. Bristol, MD

# AMERICAN BOARD OF PEDIATRIC NEUROSURGERY (ABPNS) REPORT — SPRING 2023

Benny Iskandar, MD (*ABPNS Chair*) and Bruce Kaufman, MD (*ABPNS Secretary-Treasurer*)

## Officers and ABPNS Directors

The current Officers of the ABPNS are: Bermans Iskandar – chair and Bruce Kaufman – secretary-treasurer and vice-chair.

The other ABPNS directors are David Gruber, Mark Krieger, Karin Muraszko, Jeffrey Ojemann, Mark Proctor, Shenandoah Robinson, Jodi Smith, Abhaya Kulkarni and our newest member, Ruth Bristol.

## ABPNS-Eligible Fellowships

Thirty-three pediatric neurosurgery fellowship programs are accredited by the ACPNF to train Pediatric Neurosurgery fellows. In the 2022/2023 academic year, there are 28 ABPNS-eligible fellows.

## ABPNS Certification Updates

The ABPNS is currently only certifying pediatric neurosurgeons by awarding a Recognition of Focused Practice (RFP) in conjunction with the American Board of Neurological Surgery (ABNS) or the Royal College of Physicians and Surgeons of Canada (RCPSC). The RFP is recognized by the American Board of Medical Specialties (ABMS). The RFP requires the neurosurgeon to remain up to date with the requirements of Continuous Certification, *regardless of whether you hold a non-time limited certificate from the ABNS.*

The usual process for obtaining ABPNS recognition starts with completing a fellowship in pediatric neurosurgery approved by the American Council of Pediatric Neurosurgery Fellowships (ACPNF). Passing the written examination in pediatric neurosurgery (also known as the RFP examination) is also part of the credentialing process for both RCPSC and ABNS candidates. The ABPNS suggests that all those seeking pediatric credentialing take the written examination in the latter part of their fellowship or within one year of fellowship graduation. The ABPNS RFP written examination is currently offered once per year in May.

The next one is scheduled for May 12, 2023 (9 am and 11 am ET).

The final part of obtaining pediatric RFP certification is taking and passing an oral examination in pediatric neurosurgery. The pediatric oral examination can be requested as part of the ABNS oral examination. RCPSC candidates and ABNS diplomates who did not take the pediatric focused version of the ABNS oral examination should apply for a pediatric oral examination through the ABPNS.

For those who have not completed an ACPNF-approved fellowship, or are 10 or more years in a pediatric neurosurgery practice, alternative ABPNS certification pathways exist (refer to ABPNS website <https://abns.org/abpns/> for details).

The ABPNS is currently working with the ABNS to streamline the written and oral examination process for all of our candidates, taking advantage of the mechanics and standardizations used by the ABNS.

The ABPNS office is always willing to help with the certification process and assist as we are able. We understand that the process can be confusing, and there are some unique situations.

Please note that the RFP granted under the authorization of the ABMS requires a regular review of the certificate holder's practice to confirm that they continue to have a 'focused practice'. The ABPNS is creating a process for documenting that focused practice. We intend to keep this straightforward and easy to complete.

## ABPNS Recertification

Currently, ABPNS diplomates must re-certify every 10 years to remain active, and that recertification process requires the diplomate to apply to the ABPNS, submit a 12-month case log of at least 65 pediatric (age 21 and under) cases and a minimum of 85 total surgical cases in the previous year. The ABPNS Board is working to align the entire process of ABNS Continuous Certification with Re-Certification. We will keep you informed of changes as they occur.

Please continue to follow the Re-Certification process as shown on our website. The ABPNS Board meets twice a year to complete these reviews; applications should be submitted by April 1 for the summer review and by October 1 for the winter review.

For any additional information, please contact our credentialing administrator, Kari Bollerman ([kbollerman@abns.org](mailto:kbollerman@abns.org)) or secretary, Bruce Kaufman ([bkaufman@mcw.edu](mailto:bkaufman@mcw.edu)).



## GUIDELINES COMMITTEE

David F. Bauer, MD, MPH, *Chair, Guidelines Committee*

I have been fortunate to work with a stellar group of people on the Pediatric Section Guidelines Committee. Joint Guideline Review Committee members include David Bauer, Taylor Abel, Sarah Jernigan, Brandon Rocque, Jonathan Pindrik, Alex Bier, Laurie Ackerman, Howard Silberstein, Eric Jackson. Chiari Guideline Working Group members include David Bauer, Toba Niazi, Rabia Qaiser, Shobhan Vachhrajani, Eric Jackson, Jeffrey Raskinm, Sarah Jernigan, Jogi Patitisapu, Laurie Ackerman, Cormac Maher, Libby Infinger, Brandon Rocque, Carolyn Quinsey, and Howard Silberstein.

We completed guidelines for the treatment of Chiari I Malformation in winter 2022. The Guideline is divided into three chapters evaluating evidence for diagnosis, treatment and care of patients with Chiari I Malformation. It has been endorsed by the AANS/CNS and will soon be published in *Neurosurgery*.

Brent O'Neil and Angela Price are continuing work on guidelines for Surgical Treatment of Epilepsy with the Stereotactic and Functional section and American Epilepsy Society. The process was on hold during COVID-19, however the AES is regrouping the task force during a March 2023 meeting, and we hope to report on progress in the near future.

We contributed to an update of the Diagnosis of Brain Death Guidelines with AAP and AAN, and these guidelines should be finalized and published soon (first or second quarter 2023).

We submitted a proposal for guidelines for the treatment of tethered cord to PCORI, and this proposal was funded. AHRQ has taken over the task of performing the literature review based on our PICOT questions and inclusion and exclusion criteria. We are forming a working group to draft the recommendations based on the AHRQ findings.

Because we found significant gaps in the literature when completing Chiari Guidelines, we proposed creation Practice Parameters for the treatment of Chiari Malformation, the process will utilize the Modified Delphi Method to answer granular questions about treatment and care of patients with Chiari I Malformation.

Finally, we are updating the 2016 guideline for treatment of positional plagiocephaly. A workgroup has been formed, and work is in process.

If anyone is interested in participating in guideline production or review, please contact me through email at [dfbauer@mac.com](mailto:dfbauer@mac.com).

## HISTORY COMMITTEE

Andrew Kobets, MD, and John Duncan, MD, *Co-Chairs*

The Committee on History has been working diligently to coordinate an endeavor which investigates the formation of the field of pediatric neurosurgery and the AANS/CNS Section on Pediatric Neurological Surgery directly from the individuals who were there in the early days.

Through interviews of this 'first generation' of pediatric neurosurgeons, the Committee on History will work to piece together the story of how pediatric neurosurgery came to be and allow us to appreciate how indebted we are to these great leaders. Interviews will delve into the impetus to branch into our own subspecialty, the resistance that was met, how success was ultimately achieved and what we can learn from these accounts for the future.

The Committee, under the guidance of co-chairs Andrew Kobets and John Duncan, would like to solicit interviewer volunteers who may have a connection to the interviewees, in order to facilitate the most informative and candid interviews possible. Anecdotal stories and individual interpretations will of course be encouraged in this format.

If you are interested in volunteering, please add your name to the right column of the attached document: [https://docs.google.com/document/d/101\\_9vBquUph2HZF\\_SENzBhIH77snQTA7UOeAPE9\\_-Eg/edit](https://docs.google.com/document/d/101_9vBquUph2HZF_SENzBhIH77snQTA7UOeAPE9_-Eg/edit).

While the interviews are planned to be performed via Zoom, any volunteers with professional AV experience would be immensely helpful as we move forward with this endeavor. Please contact [ajkobets@gmail.com](mailto:ajkobets@gmail.com) or [John.A.Duncan@kp.org](mailto:John.A.Duncan@kp.org) with any questions or to volunteer.

## YNPNS

Michael McDowell, MD

The YNPNS is accepting nominations for the position of vice chair. Self-nominations or nominations of another individual are accepted and should be sent to Dr. Ariana Barkley at [arianabarkley@gmail.com](mailto:arianabarkley@gmail.com). Residents, fellows and attendings within three years of graduation are all eligible to apply.

## QUALITY IMPROVEMENT COMMITTEE

Annie Drapeau, MD and Carolina Sandoval Garcia MD, *Co-Chairs*

The Quality Improvement (QI) Committee continues to work to promote the role of QI in pediatric neurosurgery. First, the co-chairs of the committee, along with the help of Gabriella Pendola (medical student), George Koutsouras (neurosurgery resident), as well as Dr. Joseph Piatt (quality officer of the Chair's Committee on Planning and Development) and Dr Bruce Kaufman (QI Senior Advisory Committee), were able to publish a manuscript (Current state and future direction of quality improvement in pediatric neurosurgery: a survey of pediatric neurosurgeons) in the *Journal of Neurosurgery: Pediatrics* in the November 2022 edition. This paper will help disseminate the opinions of the members of the AANS/CNS Section on Pediatric Neurological Surgery on the role of QI in our community.

Second, a subcommittee completed the updates to the QI page on the [pedsneurosurgery.org](https://pedsneurosurgery.org) website. A form is now available for members to fill out in which they can share details about active or previous QI initiatives. The QI Committee will then use these forms to showcase

ongoing or previous QI work on the website. Our hope is that these will foster collaboration and inspire the advancement of projects to improve patient care both locally and potentially at multi-institution level.

Third, another subcommittee is making progress on developing a curriculum that will provide education on science of improvement and safety specifically targeted for the pediatric neurosurgery community. The subcommittee members have created content for online modules that will deliver tools and guidance for those interested in learning QI methodology and its implementation. We are currently working on finalizing content and format. We hope to have this content available through the [pedsneurosurgery.org](https://pedsneurosurgery.org) website in the future.

As always, the QI committee would like to thank the subcommittee members, as well as Dr Joseph Piatt, and Dr Bruce Kaufman for their continued work and encouragement.

## TUMOR LIAISON REPORT

Anthony Wang, MD, *Co-Chairs*

The Executive Committee of the Joint Section on Tumors met in San Francisco, CA, on October 9, 2022. An update on pediatrics-related concerns was provided by Anthony Wang.

- The NCCN released its first pediatric CNS tumor management guidelines. Gerald Grant, Renee Reynolds and Anthony Wang represented neurosurgery in the development of these guidelines. The NCCN is preparing management guidelines for medulloblastoma. Renee Reynolds and Anthony Wang are representing neurosurgery in the development of these guidelines.
- The NCI Cancer Moonshot Research Initiatives include pediatric immunotherapy discovery and development, and research on the major drivers of childhood cancers with focus on fusion oncoproteins. This collaborative network awarded 7 U01, 2 U54, and 1 UM1 grants under this initiative. Its goal is identifying and advancing preclinical immunotherapy research for children and adolescents with CNS cancer.

- Two specifically pediatric CNS tumor consortia are currently running clinical trials in the United States (PNOG and Connect), as well as two broader pediatric oncology consortia (COG and SIOPE). Each has opened new pediatric neuro-oncology trials in the past year.
- Pediatric and AYA cancers, as well as brain tumors, continue to receive priority status in research funding from the DOD CDMRP, and this is expected to continue when the next funding priority determination is released.

The field of pediatric neuro-oncology continues to expand at a rapid pace even relative to neuro-oncology in general, and pediatric neurosurgeons with interest and expertise in clinical trials, translational development, pharmaceutical discovery, and data science surrounding CNS tumors are needed to help drive the clinical aspects of the field forward. We continue to advocate for separate pediatric/adolescent/young adult tumor consideration in resource allocation and prioritization, due to the relative rarity of these conditions, but the potentially greater impact of these initiatives.

## EDUCATION COMMITTEE

Jeffery Leonard, MD and Rob Bollo, MD, *Co-Chairs*

### 1. Webinar

The Lectures and Webinar Committee continues to run the virtual conference every-other-month, featuring a 30-minute educational talk by an invited guest lecturer, followed by a 30-minute case presentation/Q&A session hosted by a panel of junior faculty, fellows and residents.

The last conference featured Dr. John “Jay” Wellons discussing “The Brachial Plexus – Breaking Down the Workup and Surgical Intervention to Understandable Steps.” It is hosted by Johns Hopkins All Children’s Hospital and moderated by Dr. Matthew Smyth, chief of Pediatric Neurosurgery.

These provide detailed, state-of-the-art pediatric neurosurgical educational content to fellows, residents, students and others. The next webinar is scheduled for March 21 and Dr. Smyth will be discussing the surgical evaluation of a child with epilepsy, hosted by UT Houston.

### 2. Podcasts

The Podcast Subcommittee. We’ve released several new Insights in Pediatric Neurosurgery podcasts, including the most recent episodes interviewing Dr. Jonathan Martin about gun violence and the role of pediatric neurosurgeons in firearm safety and prevention, as firearms are now the leading cause of death in children, as well as fellowship training in pediatric neurosurgery. We have more episodes in planning and production, including an upcoming episode on different types of practice in pediatric neurosurgery. Check it out here:

<https://podcasts.apple.com/us/podcast/insights-in-pediatric-neurosurgery/id1614006948>

<https://open.spotify.com/show/7A5bM0c47E8NKTFAv1cLit>

### 3. Traveling fellowships

In 2022, the Pediatric Section funded two domestic and two international traveling fellowships. Applications are increasing every year and the application deadline is in the fall. Please refer to <https://pedsneurosurgery.org/grants-fellowships/international-traveling-fellowship-in-pediatric-neurosurgery/> for more information.

### 4. Pediatric Specialties

This year, the Pediatric Specialties Subcommittee is working with Dr. Eric Sribnick and the Pediatric Trauma Society on community projects including safety, advocacy and injury prevention.

### 5. Annual Meeting

The planning for the continues for the next meeting in Oklahoma City, OK, and will also feature a pediatric spine course.

### 6. Examinations

A Robust Examinations Subcommittee finished 123 new questions and question stems for SANS and the ABPNS primary examination in 2022. They are working to add new questions in 2023.

### 7. CNS Nexus Website

Robust pediatric content is available on this interactive website for hydrocephalus, craniosynostosis, epilepsy and spine in a case based, multimedia format. New content is being added regularly. Check it out here: <https://www.cns.org/nexus/cases>



## ADVANCED PRACTICE PROVIDERS (APP) COMMITTEE

E. Haley Vance, DNP, CPNP-AC, *Chair*

### Committee Members:

Mandy Breedt, APRN

Lisa McLennan, DNP, CPNP

Patti Batchelder, CPNP-BC (Senior Advisor)

The AANS/CNS Section on Pediatric Neurological Surgery APP Committee continues to focus on engagement of APPs within pediatric neurosurgery through networking, education and membership in the section. Thank you to the Children's National APP host team — Kerri Thorn, PA, and Stephanie Gurevich, PA — for a wonderful APP session at the 2022 annual meeting Washington D.C.

This year we are excited about expanding with the addition of three new APP subcommittees: Membership/Engagement Subcommittee, Education Subcommittee and Annual Conference Planning Subcommittee. We held an APP informational meeting on February 15 with the introduction of these new subcommittees. Thank you to those who participated in this. We are still actively recruiting APPs to serve on these subcommittees. If you would like more information on the subcommittees, please email [haley.vance@vumc.org](mailto:haley.vance@vumc.org) for more information.

We look forward to continued growth of our APP group and further involvement within the Peds Section!

## SPOTLIGHT: Haley Vance, DNP, APN, CPNP-AC



The care of patients would not be the same without our APPs. What we'd like to show you here is that APPs can also help significantly improve our national organizational efforts, and there is no better example of this than **Haley Vance, DNP, APN, CPNP-AC**.

Haley has been a section member for a few years and was named co-chair of the inaugural APP Committee in the spring of 2020. In the interval, in partnership with her co-chair Elisha Peregino, she has led the APP team into a whole new level of educational activities, including organizing the APP sessions at the Annual Meetings in Utah and DC, engaging with the QI and Transition of Care Committees to elevate their work and establishing education and networking sessions geared for APP practice, including journal clubs, case studies and webinars. Their work was so exemplary that they were given a permanent seat on

the Annual Meeting Planning Committee. Outside of the section, Haley served as president of the Tennessee Nurses Association from 2017-2019, and — no surprise — she was voted APRN of the Year at Vanderbilt in 2016. Haley is heavily committed to international work. Among others, she's traveled repetitively to East Africa to educate and train nurses on neurosurgical conditions.

By her fellow APPs, Haley is described as "a personable and natural born leader, who is respected to the highest regard by neurosurgeons, APPs, nurses and operating staff alike. She is driven, solution focused, kind, collaborative and the biggest advocate for nurses and APPs to practice to their full potential and scope. Haley wears many hats and is a dedicated, skilled expert at each of them — ranging from colleague, educator, advocate, leader, nurse practitioner, mother and friend. APPs are beyond fortunate and grateful to have Haley in our corner and representing advanced practice today and for all the years to come."

We, the section leaders, consider our specialty fortunate to have the likes of Haley in our ranks.



## AANS / CNS SECTION ON PEDIATRIC NEUROLOGICAL SURGERY MEMBERSHIP REPORT—SPRING 2023

Membership Class	2022 Dues	2023 Spring Members	2022 Fall Members	2022 Spring Members	2021 Fall Members	2021 Spring Members	2020 Fall Members
Active	\$150	368	375	359	383	388	390
International	\$50	39	44	28	63	62	56
Adjunct/Associate	\$75	33	31	35	35	29	32
Lifetime	\$0	95	90	98	97	92	87
Med Student	\$0	38	15	26	12	15	13
Resident/Fellow	\$0	161	128	143	129	125	135
<b>TOTAL</b>		<b>734</b>	<b>683</b>	<b>689</b>	<b>719</b>	<b>711</b>	<b>713</b>

### Membership Retention

Category	Unpaid	Total	% Paid	% Unpaid
Active	156	375	58%	42%
International	15	31	52%	48%
Adjunct/Associate	11	44	75%	25%

### Membership Recruitment

- New application system has been active since December 2022
- Members who have been inactivated due to no dues renewal are being contacted and encouraged to re-apply.

## NATIONAL MEETINGS SUBCOMMITTEE

2022-2023: Robert Naftel, Raheel Ahmed, Hal Meltzer and Dean Hertzler

The National Meetings Subcommittee aims to organize pediatric content for the CNS and AANS meetings that will target the unique attendee audience of the national meetings and also complement the pediatric focused annual meetings (Pediatric Section and ASPN). Our goals are to focus on education for general- and pediatric-focused neurosurgeons and trainee physicians by highlighting practice updates, field advancements and topical research updates. The committee also leverages local pediatric neurosurgeons and their subspecialty strengths to help provide deep and local experiences for the national stage and identify speakers from associated fields.

The 2023 AANS Annual Scientific Meeting in Los Angeles will highlight Dr. Jerry Oakes as the Matson Lecturer and a

keynote address will be given by Dr. Karin Muraszko. The Future of Pediatric Spine Surgery will be discussed by Dr. David Skaggs. Additionally, Dr. Susan Durham will be leading a multidisciplinary panel presentation on brachial plexus surgery. On the last day of the meeting there will be a community session co-hosted by the Pediatric and Oncology sections that will provide cutting edge updates on both adult and pediatric brain tumor genomics and molecular classifications.

Planning for the 2023 CNS Meeting in Washington DC is underway.

We welcome any suggestions to improve access and broaden impact for the Pediatric Sessions within the National Meetings.

# COMMUNICATIONS COMMITTEE

Chairs Ben Kennedy, MD and Carrie Muh, MD, *Co-Chairs*

The Communications Committee and its six subcommittees have had a busy year, highlighted below.

## Social Media

Our social media presence continues to grow:



**Twitter: @PedsSection**  
4,225 followers; 12,800 tweet impressions in February 2023



**Instagram: @aanscns\_pedssection**  
1160 followers



**LinkedIn: AANS/CNS Joint Section on Pediatric Neurosurgery**  
242 followers



**Facebook: facebook.com/PedsSection**  
127 page likes, 142 followers

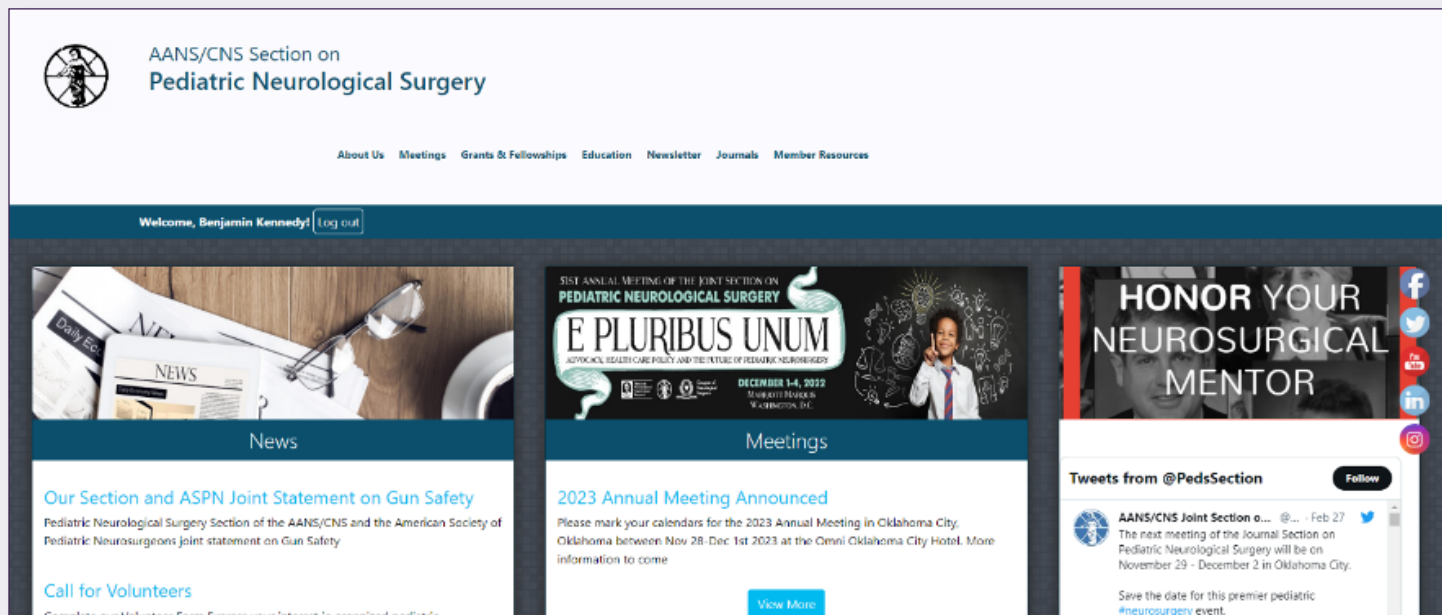
Projects for the upcoming year include:

- Continue our successful “Featured Fellow Spotlight”. This has become an annual social media tradition to highlight all ABPNS Fellows
- Use LinkedIn page as a source of info on conferences, webinars, ABPNS-accredited fellowship opportunities and job openings
- December 2023: LiveTweet and post on FB & IG throughout Annual Meeting to increase engagement among members and future members
- Continuous: Post on research and innovation; promote conferences and webinars; share information on NREF and AANS/CNS awards; increase interaction and engagement with members

## Website

In addition to the section’s website’s usual activities, over the past year the site has undergone the following improvements:

- Expansion of the international relations presence, featuring global partnerships and fellowship opportunities
- Support of a QI project Submission Form running on the website, through partnership with the QI subcommittee



- The member login page is up and running again, and we look forward to expanding the Members Only webpage
- Partnership with the Young Pediatric Neurosurgeons Committee to expand their presence, including a calendar of key and notable events for medical students, residents and pediatric neurosurgery fellows
- Updates to the website to increase the section's social media presence, including the development of the section's YouTube channel and placement of live Twitter feed
- Ongoing work with AANS website developers to enhance the viewership of the website and continuously update its membership

### Logo

We have formed a new subcommittee to discuss a new logo for the AANS/CNS Joint Section on Pediatric Neurosurgery. We have received lots of submissions and held initial meetings. We will work toward narrowing down options for discussion by the Section Executive Committee and AANS/CNS with a goal of presenting a new logo at the 2023 section meeting.

### Survey

The survey subcommittee received seven survey submissions since inception in late 2021. Of those, four were sent out to the section members. Approximately 10-20% of members solicited completed the surveys. We are monitoring progress of all surveys submitted, and results from all four surveys are being used for preparation for manuscript submissions.

### Virtual meeting

The 2022 AANS pediatric section meeting marked the second time that a hybrid meeting approach was utilized. Owing to the work previously carried out and building upon prior experience, the virtual meeting was delivered alongside the live meeting seamlessly. Furthermore, the virtual meeting was again shareable amongst affiliated groups and research labs, allowing for greater viewership than previously possible. Moving forward, this subcommittee looks forward to improving ways that virtual viewership may augment live hosted events and to improve dissemination of streamed content.

### Listserv

The AANS/CNS Pediatric Section Listserv is live! All messages are screened and approved before posting to members. We will be posting interesting cases, landmark journal articles, etc. To post on the Listserv, please email: [peds@mail.neurosurgery.org](mailto:peds@mail.neurosurgery.org).

## SPRING 2023 AANS/CNS DRUGS AND DEVICES COMMITTEE UPDATES

Brian W. Hanak, MD, and Leopold Arko IV, MD, MS, *Pediatric Section Liaisons*

The AANS/CNS Drugs and Devices Committee is bringing pediatric neurosurgery to the forefront in ongoing efforts to ensure we have critical supplies in the face of ever-changing supply chain landscapes. Broader general efforts to strengthen ties with our orthopedic surgery colleagues in lobbying efforts have a strong pediatric focus. There are also great upcoming opportunities to learn more about the process of getting novel device ideas approved by the FDA. The committee is continuing to raise awareness about CMS Open Payments dispute periods among all neurosurgeons.

- On Jan. 31, 2023, AANS/CNS Drugs and Devices Committee Chairman, Dr. Joshua M. Rosenow submitted comments to the FDA to help the agency develop a critical medical device list. The comments were based on a list from committee members of critical medical products used by neurosurgeons that were at potential risk for shortages. However, if additional critical device/supply resources arise in your region that are not listed below please contact Leo ([arko11@cmich.edu](mailto:arko11@cmich.edu)) for vascular/endovascular or Brian ([bhanak@llu.edu](mailto:bhanak@llu.edu)) for hydrocephalus/other so we can make sure these are included in ongoing discussions. Items identified by the committee include:
  - Cerebrospinal fluid shunts, external ventricular drains
  - Local anesthetics
  - Disposables for OR tools such as drill bits for cranial and spinal surgery, ultrasonic aspirator tips, skull clamp pins
  - Titanium clips for neurovascular surgery
  - Hemostatic products such as thrombin, collagen sponge, collagen foam, dural sealants
  - Surgical drapes for patients and microscopes
  - Raw materials for wires/stents such as nitinol
  - Dural substitutes
  - Disposable neuro-navigation supplies (patient trackers, navigation wands)
  - Intracranial pressure monitors

*Spring 2023 AANS/CNS Drugs and Devices Committee Updates continued on page 12*

*Spring 2023 AANS/CNS Drugs and Devices Committee Updates continued from page 11*

- Increased collaboration with the American Academy of Orthopaedic Surgery (AAOS) to address shared concerns with pediatric device approval/regulation/innovation:
  - The AANS/CNS Drugs and Devices Committee met with representatives from the AAOS and the Scoliosis Research Society (SRS) to discuss common issues of device regulation on Nov. 27, 2022.
  - Dr. John Ratliff will be attending an AAOS sponsored meeting, the 10th annual Kids’ Forum, focused on pediatric device issues on March 10, 2023. Dr. Rosenow, Dr. Paul M. Arnold, Dr. Brian Hanak, and Dr. Leopold Arko participated in a Feb. 27, 2023 meeting with Dr. Ratliff to assist him in preparing for his presentation on device issues unique to pediatric neurosurgery
- Dr. Rosenow will be hosting a luncheon seminar on FDA issues during the CNS meeting in Washington, DC on Monday, Sept. 11, 2023.
- Dr. Rosenow has reached out to Dr. Christopher Loftus, acting director of the FDA Office of Neurological and Physical Medicine Devices, to design a series of webinars for neurosurgeons on FDA issues. A conference call is planned in March 2023 to discuss the first webinar tentatively scheduled for May/June 2023, which will provide an overview of the FDA process by FDA staff. Subsequent webinars are intended to highlight neurosurgeon innovators and their experiences with bringing their inventions to the agency.
- CMS Open Payments: 2022 data will be published in June 2023
  - On Dec 15, 2022, the AANS/CNS Washington Office sent a notice to 6,000 neurosurgeons to remind them about the annual opportunity to check existing Open Payments data. The 2021 Open Payments published records were available for review and dispute through Dec. 31, 2022.
  - In Jan 2023, the agency updated or “refreshed” data from 2015 to 2021 to reflect corrections made since the June 2022 publication.
  - 2022 Data: Manufacturers have until March 31, 2023 to report 2022 payments to CMS. Annual Review and Dispute Period for 2022 data is April 1 - May 15, 2023. The committee will again be publicizing this review period and encouraging members of AANS/CNS to check their data for inaccuracies with:
    - Another email notice will go out this spring
    - Plans to include discussion of this review period in the “It’s Not Brain Surgery” podcast hosted by Dr. Paul Camarata
    - NOTE: The planned CNS meeting luncheon seminar on FDA issues will also include representatives from CMS to address educational efforts on the Open Payments program

## ANNUAL MEETING

Andrew Jea, MD

Your pediatric neurosurgery colleagues at the University of Oklahoma look forward to hosting you at the 2023 “New Frontiers” Annual Meeting of the AANS/CNS Joint Section of Pediatric Neurological Surgery at the Omni Hotel in Oklahoma City, November 29–Dec 2.

### Highlights of our scientific program include:

- General sessions in:
 

Basic Science	Craniofacial
Hydrocephalus	Spine
Global Neurosurgery	Chiari
Spinal Dysraphism	Trauma
Diversity	Vascular
Tumors	Late-Breaking Abstracts
- 70 abstracts accepted for oral presentations
- Plentiful time for discussion
- American Academy of Pediatrics Section on Neurological Surgery (AAP SONS) Mini-Scientific Session



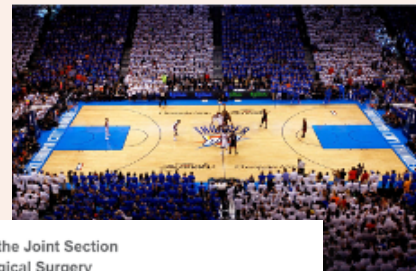
### ■ AAP SONS Lecturer, Dr. Peter Hotez

- Scientist, pediatrician, and advocate in global health, vaccinology, and neglected tropical disease control
- Invited COVID expert in a number of cable news and radio shows
- Nobel Prize nominee
- Professor and Dean of the National School of Tropical Medicine at Baylor College of Medicine
- Dr. Hotez will give a talk on “Global Vaccines: The Science versus The Anti-Science.”



**Other Meeting Highlights**

- APP Session
- Fellows Boot Camp
- Practical Spine Course
- Keynote Speakers
  - University leaders
  - OKC Thunder
  - OU Athletics Coaches
  - State Leaders
  - Oklahoma celebrities
- Opening Reception Entertainment
  - Local country and garage bands



**Omni Hotel in Downtown OKC**

- Opened January 2021
- 76,000 sq feet
  - Meeting & event spaces
- 605 guest rooms
  - 29 suites
  - Interestingly, rooms on the top floor designed for NBA players with taller ceilings and oversized rooms
  - Dramatic views of Downtown OKC and Scissortail Park

**Scissortail Park**

- Opened this year in 2022
- One of America’s newest urban parks
  - 70-acre park in the middle of Downtown OKC
- Native prairie grasses, flower gardens, and tree-lined walkways
- Boathouse with pedal boats
- Ice skating rink
- Concerts on the Great Lawn

**OKC Food Scene**

- |                      |                                   |
|----------------------|-----------------------------------|
| ■ Ma Der Lao Kitchen | ■ Mahogany                        |
| ■ Nonesuch           | ■ Vast                            |
| ■ Grey Sweater       | ■ Flint                           |
| ■ Black Walnut       | ■ 1492                            |
| ■ Broadway 10        | ■ Tellers @ First National Center |
| ■ Packard’s          | ■ The Saucee Sicilian             |

**Things to Do & Places to Visit**

- National Memorial OKC Bombing
- National Cowboy & Western Heritage Museum
- First Americans Museum
- Bricktown
- Myriad Botanical Gardens
- Oklahoma City Zoo
- Oklahoma City Art Museum
- American Banjo Museum



52nd Annual Meeting of the Joint Section  
on Pediatric Neurological Surgery

## NEW FRONTIERS IN PEDIATRIC NEUROSURGERY

November 29-December 2, 2023 | Omni Oklahoma City Hotel | Oklahoma City, OK

• SAVE THE DATE •

Don't miss this opportunity to meet with colleagues from around the world and discover novel and future approaches to treating pediatric neurosurgical conditions.

Registration opening spring 2023  
[cns.org/pediatric](https://cns.org/pediatric)

The 52<sup>nd</sup> Annual Meeting is jointly provided by the Congress of Neurological Surgeons and the AANS/CNS Section on Pediatric Neurological Surgery

## AANS/CNS SECTION ON PEDIATRIC NEUROSURGERY OFFICERS AND COMMITTEES

### OFFICERS

#### Chair

Bermans J. Iskandar, MD, FAANS (2021–2023)

#### Immediate Past Chair

Mark D. Krieger, MD, FAANS (2021–2023)

#### Chair-elect

Matthew Smyth, MD, FAANS (2021–2023)

#### Secretary

Richard Anderson, MD, FAANS (2021–2023)

#### Treasurer

Ruth E. Bristol, MD, FAANS (2021–2023)

#### Members at Large

Sandi Lam, MD, MBA, FAANS (2020–2022)

Brandon Rocque, MD, MS, FAANS (2020–2022)

Amy Lee, MD, FAANS (2021–2023)

Cormac Maher, MD, FAANS (2021–2023)

#### Resident Member of Executive Committee

Yosef Dastagirzada, MD (2021–2023)

### STANDING COMMITTEES

#### Nominating Committee (6-year term after Section Chair)

Mark D. Krieger, MD, FAANS — Chair (2021–2027, Chair 2021–2023)

Mark Proctor, MD, FAANS (2019–2025)

Sarah Gaskill, MD, FAANS (2017–2023)

#### Rules & Regulations Committee (2-year term)

Lauren Schwartz, MD, FAANS — Co-chair (2021–2023)

Christian Kaufman, MD, FAANS — Co-chair (2021–2023)

David Wrubel, MD, FAANS (2021–2023)

#### Membership Committee (2-year term)

Irene Kim, MD, FAANS — Co-chair (2021–2023)

James Botros, MD, FAANS — Co-chair (2021–2023)

#### Education Committee (2-year term)

Jeff Leonard, MD, FAANS — Co-chair (2021–2023)

Rob Bollo, MD, FAANS — Co-chair (2021–2023)

### EDUCATION COMMITTEE SUBCOMMITTEES (ad hoc)

#### Pediatric Section Annual Meeting Subcommittee

Douglas Brockmeyer, MD, FAANS — Chair (2021 — Salt Lake City)

John Kestle, MD, FAANS (2021 — Salt Lake City)

Rob Bollo, MD, FAANS (2021 — Salt Lake City)

Samuel Cheshier, MD, PhD, FAANS (2021 — Salt Lake City)

David Adelson, MD, FAANS (2019 — Phoenix)

Ruth E. Bristol, MD, FAANS (2019 — Phoenix)

Bermans J. Iskandar, MD, FAANS ex-officio — Section Chair

Mark D. Krieger, MD, FAANS ex-officio — Section Past Chair

Matthew Smyth, MD, FAANS ex-officio — Section Chair-elect

Richard Anderson, MD, FAANS ex-officio — Section Secretary

Ruth E. Bristol, MD, FAANS ex-officio — Section Treasurer

#### National Meetings Subcommittee (2-year term)

Raheel Ahmed, MD, FAANS — Co-chair (2021–2023)

Rob Naftel, MD, FAANS — Co-chair (2021–2023)

Dean Hertzler, MD, FAANS — Co-vice chair (2021–2023)

Hal Meltzer, MD, FAANS — Co-vice chair (2021–2023)

#### Traveling Fellowship Subcommittee (2-year term)

Edward Ahn, MD, FAANS — Co-chair (2021–2023)

Stephanie Greene, MD, FAANS — Co-chair (2021–2023)

Eric Thompson, MD, FAANS (2021–2023)

Jason Blatt, MD, FAANS (2021–2023)

#### Examination Questions Subcommittee (2-year term)

Lance Governale, MD, FAANS — Co-chair (2021–2023)

Peter Morgenstern, MD — Co-chair (2021–2023)

Jason Blatt, MD, FAANS (2021–2023)

Markus Bookland, MD, FAANS (2021–2023)

Annie Drapeau, MD FAANS (2021–2023)

Mari Groves, MD, FAANS (2021–2023)

Joel Katz, DO (2021–2023)

Benjamin Kennedy, MD, FAANS (2021–2023)

Neena Marupudi, MD, FAANS (2021–2023)

Jon Pindrik, MD, FAANS (2021–2023)

Rabia Qaiser, MD, FAANS (2021–2023)

Ammar Shaikhouni, MD (2021–2023)

Eric Sribnick, MD, PhD, FAANS (2021–2023)

Jesse Winer, MD, FAANS (2021–2023)

*“Officers and Committee Members” Continued from Page 14*

**Pediatric Specialties Subcommittee (2-year term)**

Jason Hauptman, MD, PhD, FAANS — Co-chair (2021–2023)  
 Laura Prolo, MD, PhD—Co-chair (2021–2023)

**Lectures and Webinars Subcommittee (2-year term)**

Susan Durham, MD, FAANS — Co-chair (2021–2023)  
 Jeff Leonard, MD, FAANS — Co-chair (2021–2023)  
 David Limbrick, MD, PhD, FAANS (2021–2023)  
 James Johnston, MD, FAANS (2021–2023)  
 Mark Proctor, MD, FAANS (2021–2023)

**Hands-on Workshops Subcommittee (2-year term)**

*(Joint Subcommittee with International Education Subcommittee)*

Jeff Leonard, MD, FAANS — Co-chair (2021–2023)  
 Per IEC — Co-chair (2021–2023)

**Podcasts Subcommittee (2-year term)**

Rob Bollo, MD, FAANS — Co-chair (2021–2023)  
 Heather Spader, MD, FAANS — Co-chair (2021–2023)  
 Jeff Leonard, MD, FAANS (2021–2023)

**AD HOC COMMITTEES**

**Communications Committee (2-year term)**

Benjamin Kennedy, MD, FAANS — Co-chair (2021–2023)  
 Carrie Muh, MD, FAANS — Co-chair (2021–2023)

**COMMUNICATION COMMITTEE SUBCOMMITTEES**

**Website Subcommittee (2-year term)**

Benjamin Kennedy, MD, FAANS — Chair (2021–2023)

**Social Media Subcommittee (2-year term)**

Carrie Muh, MD, FAANS — Co-chair (2021–2023)  
 Smruti Patel, MD — Co-chair (2021–2023)  
 Jarod Roland, MD (2021–2023)  
 Nathan Shlobin (2021–2023)

**Survey Subcommittee (2-year term)**

Shelly Wang, MD, FAANS — Co-chair (2021–2023)  
 Eric Sribnick, MD, PhD, FAANS — Co-chair (2021–2023)  
 Albert Tu, MD, FAANS (2021–2023)  
 Bradley Weprin, MD, FAANS (2021–2023)  
 James Botros, MD, FAANS (2021–2023)  
 Krystal Tomei, MD, MPH, FAANS, FAAP (2021–2023)  
 Smruti Patel, MD (2021–2023)  
 Todd Hankinson, MD, MBA, FAANS (2021–2023)

**Listserve Subcommittee (2-year term)**

Jennifer Ronecker, MD — Co-chair (2021–2023)  
 Nir Shimony, MD — Co-chair (2021–2023)

**International Relations Committee (2-year term)**

Eylem Ocal, MD, FAANS — Co-chair (2021–2023)  
 Christopher Bonfield, MD, FAANS — Co-chair (2021–2023)  
 Charles Wilkinson (2021–2023)  
 Ryan Jafrani, MD (2021–2023)

**INTERNATIONAL RELATIONS COMMITTEE SUBCOMMITTEES**

**International Education Subcommittee (2-year term)**

Samer Elbaba, MD, FAANS — Co-chair (2021–2023)  
 Caitlin Hoffman, MD, FAANS — Co-chair (2021–2023)  
 Exequiel Verdier (2021–2023)  
 Nathaniel Tshibambe (2021–2023)

**International Clinical Collaborations Subcommittee**

*(2-year term)*  
 TBD (2021–2023)

**International Liaisons Subcommittee**

*(report directly to the committee chairs; 2-year term)*

**Liaison with ISPN**

Zulma Tovar-Spinoza, MD, IFAANS (2021–2023)

**Liaison with ESPN**

Mike Handler, MD, FAANS (2021–2023)

**Liaison with WFNS**

Albert Tu, MD, FAANS (2021–2023)

**Liaison with South America**

Art DiPatri, MD, FAANS (2021–2023)

**Liaison with AAP SOICH/GICS**

Philipp Aldana, MD, FAANS (2021–2023)

**Liaison with Brazil**

Bruno Braga, MD, IFAANS (2021–2023)

**Liaison with Middle East**

Samer Elbaba, MD, FAANS (2021–2023)

**Liaison with Africa**

Heather Spader, MD, FAANS (2021–2023)

**Liaison with India**

Shibu Pillai, MD (2021–2023)

**Liaison with Pakistan**

Hasan Raza Syed, MD, FAANS (2021–2023)

*“Officers and Committee Members” Continued on Page 15*



“Officers and Committee Members” Continued from Page 15

**Liaison with Japan**

Kaveh Asadi, MD PhD, FAANS (2021–2023)

**Liaison with Southeast Asia**

Albert Tu, MD, FAANS (2021–2023)

**Liaison with Central America and Caribbean**

TBD (2021–2023)

**Liaison with Australia and New Zealand**

TBD (2021–2023)

**Liaison with Far East**

TBD (2021–2023)

**Liaison with China**

TBD (2021–2023)

**The Timothy George Committee on Diversity and Inclusion in Pediatric Neurosurgery (2-year term)**

Catherine A. Mazzola, MD, FAANS — Co-chair (2021–2023)

Clarence Greene, MD, MHA, FAANS — Co-chair (2021–2023)

Alexa Canady (2021–2023)

Anthony Wang, MD, FAANS (2021–2023)

Hal Meltzer, MD, FAANS (2021–2023)

Holly Gilmer, MD, FAANS (2021–2023)

Karin Murazsko, MD, FAANS (2021–2023)

Krystal Tomei, MD, MPH, FAANS, FAAP (2021–2023)

Mari Groves, MD, FAANS (2021–2023)

Sarah Jernigan, MD, FAANS (2021–2023)

Zulma Tovar-Spinoza, MD, IFAANS (2021–2023)

Laurie Ackerman, MD, FAANS (2021–2023)

Lawrence Daniels, MD, FAANS (2021–2023)

Ann Marie Flannery, MD, FAANS (2021–2023)

Allison Rathmann, DO (2021–2023)

Leslie Satchivi (2021–2023)

**Research Committee (2-year term)**

David Daniels, MD, PhD, FAANS — Co-chair (2021–2023)

Todd Hankinson, MD, MBA, FAANS — Co-chair (2021–2023)

**RESEARCH COMMITTEE SUBCOMMITTEES**

**NREF Subcommittee (2-year term)**

David Daniels, MD, PhD, FAANS (2021–2023)

Todd Hankinson, MD, MBA, FAANS (2021–2023)

**Section Grants Subcommittee (2-year term)**

Brandon Miller, MD, FAANS — Co-chair (2021–2023)

Heather McCrae — Co-chair (2021–2023)

Samuel (Trey) McClugage, MD (2021–2023)

Jason Hauptman, MD, PhD, FAANS (2021–2023)

**Faculty Development and Mentoring Subcommittee**

(2-year term)

Amanda Saratsis, MD — Co-chair (2021–2023)

Brian Dlouhy, MD, FAANS — Co-chair (2021–2023)

Manish Shah, MD, FAANS (2021–2023)

Francesco Mangano, DO (2021–2023)

**Clinical Networks Subcommittee (2-year term)**

Jonathan Pindrik, MD, FAANS — Co-chair (2021–2023)

Jennifer Strahle, MD, FAANS — Co-chair (2021–2023)

David Hersh, MD (2021–2023)

Manish Shah, MD, FAANS (2021–2023)

Jason Hauptman, MD, PhD, FAANS (2021–2023)

Samuel (Trey) McClugage, MD (2021–2023)

**Basic Science and Genetics Networks Subcommittee**

(2-year term)

Kris Kahle, MD, PhD, FAANS — Co-chair (2021–2023)

Samuel Cheshier, MD, PhD, FAANS — Co-chair (2021–2023)

**Quality Improvement Committee (2-year term)**

Annie Drapeau, MD, FAANS — Co-chair (2021–2023)

Carolina Sandoval Garcia, MD — Co-chair (2021–2023)

Luis F. Rodriguez, MD, FAANS (2021–2023)

Asadi Kaveh (2021–2023)

Carolyn Quinsey, MD (2021–2023)

Louis Valery Carius, MD (2021–2023)

Jesse Winer, MD, FAANS (2021–2023)

Shimony Nir (2021–2023)

Rachana Tyagi, MD, FAANS (2021–2023)

James Andrew Stadler, MD, FAANS (2021–2023)

**Trainee Committee (2-year term)**

Sandi Lam, MD, MBA, FAANS (MAL) — Co-chair (2020–2022)

Brandon Rocque, MD, MS, FAANS (MAL) — Co-chair (2020–2022)

Amy Lee, MD, FAANS (MAL) — Co-vice chair (2021–2023)

Cormac Maher, MD, FAANS (MAL) — Co-vice chair (2021–2023)

**TRAINEE COMMITTEE SUBCOMMITTEES**

**Medical Student Subcommittee (2-year term)**

TBD (2021–2023)

**Resident Subcommittee (2-year term)**

TBD (2021–2023)

**Fellow Subcommittee (2-year term)**

TBD (2021–2023)

“Officers and Committee Members” Continued on Page 16



“Officers and Committee Members” Continued from Page 16

**Committee on Public Engagement, Education, and Advocacy** (2-year term)

Andrew Jea, MD, FAAP, FAANS — Co-chair (2021–2023)  
 (Past SONS Chair)  
 Gregory Albert, MD, FAAP, FAANS — Co-chair (2021–2023)  
 (SONS Chair)

**Industry Relations Committee** (2-year term)

Peter Sun, MD, FAANS — Co-chair (2021–2023)  
 Jesse Skoch, MD, FAANS — Co-chair (2021–2023)

**Transition to Adulthood Committee** (2-year term)

Jeff Blount, MD, FAAP, FAANS — Co-chair (2021–2023)  
 Brad Weprin, MD, FAANS — Co-chair (2021–2023)

**APP Committee** (2-year term)

Haley Vance, DNP, APRN, CPNP-AC — Co-chair (2021–2023)  
 Elisha Peregino, RN, MS, CRNP PNP-AC, HTPA — Co-chair (2021–2023)  
 Patti Batchelder, RN, MS, CPNP (2021–2023)  
 Mandy Breedt, ARNP (2021–2023)  
 Lisa McLennan, DNP, RN (2021–2023)

**Pediatric Section Guidelines Committee** (3-year term, change at CNS meeting)

David Bauer, MD, MPH, FAANS — Chair (2017–2019, Chair 2020–2022)

**JGRC:** Taylor Abel, MD, FAANS; Jonathan Pindrik, MD, FAANS; Alex Beier, DO

**Chiari:** Toba Niazi, MD, FAANS; Rabia Qaiser, MD, FAANS; Sarah Jernigan, MD, FAANS; Jeffrey Raskin, MS, MD, FAANS; Eric Jackson, MD, FAANS; Laurie Ackerman, MD, FAANS; Jogi Patitisapu; Cormac Maher, MD, FAANS; Brandon Rocque, MD, MS, FAANS; Carolyn Quinsey, MD; Libby Infinger, MD, MPH, FAANS; Howard Silberstein, MD, FAANS; Shobhan Vachhrajani, MD, PhD, FRCSC

**Epilepsy:** Brent O’Neil, MD, FAANS; Angela Price, MD, FAANS

**Lifetime Achievement Award: Immediate Past Chair** (2-year term)

Mark D. Krieger, MD, FAANS (2021–2023)

**Chair’s Committee on Planning and Development** (2-year term)

Steve Schiff, MD, PhD, FAANS (Research) (2021–2023)  
 David Limbrick, MD, PhD, FAANS (Education) (2021–2023)  
 Jim Johnston, MD, FAANS (International relations) (2021–2023)  
 Joe Piatt, MD, FAANS (Quality) (2021–2023)

**Senior Advisory Committee** (2-year term)

Tina Duhaime, MD, FAANS — Co-chair (2021–2023)  
 Al Cohen, MD, FAAP, FAANS — Co-chair (2021–2023)  
 Tad Tomita, MD, FAANS — Education (2021–2023)  
 Frederick Boop, MD, FAANS — International (2021–2023)  
 Laurie Ackerman, MD, FAANS — Diversity (2021–2023)  
 John Kestle, MD, FAANS — Research (2021–2023)  
 Bruce Kaufman, MD, FAANS — Quality (2021–2023)  
 Jeff Wisoff, MD, FAANS — Trainees (2021–2023)  
 Ann Marie Flannery, MD, FAANS — Guidelines (2021–2023)

**REPRESENTATIVES AND LIAISONS**

**Liaison to the AANS Executive — Committee Current Chair** (2-year term)

Bermans J. Iskandar, MD, FAANS (2021–2023)

**Liaison to the CNS Executive Committee — Chair Elect** (2-year term)

Matthew Smyth, MD, FAANS (2021–2023)

**Liaison to the ABPNS — Current Chair of ABPNS** (2-year term)

James Drake, MD, FAANS, MSc, FRCS (2021–2023)

**Liaison with ACPNF — Current Chair of ACPNF** (2-year term)

Douglas Brockmeyer, MD, FAANS (2021–2023)

**Liaison with ASPN — Current President of ASPN** (2-year term)

John Ragheb, MD, FAANS (2021–2023)

*“Officers and Committee Members” Continued from Page 17*

**Liaison with AAP Section of Neurological Surgery —  
Current Chair of SONS (2-year term)**

Gregory Albert, MD, FAANS (2021–2023)

**Liaison to the Joint Council of State Neurosurgical  
Societies (2-year term)**

TBD, appointed by CSNS (2021–2023)

**Liaison to the Coding and Reimbursement  
Committee, AANS (2-year term)**

Eric Jackson, MD, FAANS (2021–2023)

**Liaison to the Drugs and Devices  
Committee, AANS (2-year term)**

Brian Hanak, MD, IV (2021–2023)

Leopold Arko, MD, IV (2021–2023)

**Liaison to the Young Neurosurgeons Committee  
(2-year term)**

TBD, appointed by YNC (2021–2023)

**Liaison to the American College of Osteopathic Surgery  
(2-year term)**

Sudhakar Vadivelu, DO (2021–2023)

**Liaison to AANS/CNS Section on Tumors (2-year term)**

Anthony Wang, MD, FAANS (2021–2023)

**Liaison to AANS/CNS Section on Neurotrauma  
and Critical Care (2-year term)**

Naina Gross, MD, FAANS (2021–2023)

Eric Sribnick, MD, PhD, FAANS (2021–2023)

**Liaison to AANS/CNS Section on  
History of Neurological Surgery (2-year term)**

TBD (2021–2023)

**Liaison to AANS/CNS Cerebrovascular Section  
(2-year term)**

TBD (2021–2023)

**Liaison to AANS/CNS Section on Pain (2-year term)**

TBD (2021–2023)

**Liaison to AANS/CNS Section on  
Disorders of Spine and Peripheral Nerves (2-year term)**

TBD (2021–2023)

**Liaison to AANS/CNS Section on Stereotactic and  
Functional Surgery (2-year term)**

TBD (2021–2023)

**Liaison to AANS/CNS Section on Women in  
Neurosurgery (2-year term)**

TBD (2021–2023)