

Pediatric Short Cuts

AANS/CNS Section on Pediatric Neurological Surgery

CHAIR'S MESSAGE



Bermans J. Iskandar, MD, FAANS

When Matt Smyth (Chair-Elect), Rich Anderson (Secretary), Ruth Bristol (Treasurer), Mark Krieger (Past-Chair) and I took office this past spring, our objectives were as follows:

1. to offer Section service opportunities and committee roles to as many members as interested, including all levels from medical

students to senior faculty; **2.** to, in turn, elevate the Section activity to a level that matches the first-class quality and productivity of its individual members both nationally and internationally, in both research and education; **3.** to initiate a quality improvement program; and **4.** to promote diversity, inclusion, public engagement, and advocacy. These objectives led to expansion of our committee structure, which now comprises over 140 members and chairs, most already hard at work. We will extend invitations to serve to remaining volunteers as soon as capacity permits.

The reports that follow speak for themselves, so I will keep this message short and let you leaf through the plans, activities and imaginations that your colleagues on the various committees have been brainstorming. I think

you will find the prospects exciting. A shout-out to Doug Brockmeyer and his team, as well as the AANS meeting managers, for thoughtfully navigating the relentless uncertainties of COVID-19 as we prepare for the 2021 Annual Meeting.

In the past months, the EC officers have been feeling like air traffic control specialists in a tightly organized and dynamic airfield, with Rich Anderson serving as the lead Tower Controller, steering a dizzying enterprise with unflappable calm, grace and humor. So, when you see Rich at the Section meeting, please show him your appreciation. And if you come up with ideas or recommendations regarding any of the activities and plans described here, or others, consider yourself part of the team. We welcome the involvement of all.

With our best wishes for a COVID-free Annual Meeting, and to the excitement of finally meeting up again in person.

On behalf of the Executive Committee,

Benny
Bermans J. Iskandar, MD, FAANS
Chair

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Editor:
Richard Anderson, MD, FAANS

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.

TIMOTHY GEORGE COMMITTEE ON DIVERSITY AND INCLUSION REPORT

Clarence Greene, MD, MHA, FAANS

Catherine A. Mazzola, MD, FAANS

The first meeting of the committee was held in August 2021 to begin discussions of our charge and path forward to implement the vision of the Executive Committee, which chose to address the timely and critical issues of diversity and inclusion in our field. As an indication of the importance, the Executive Committee has assigned this endeavor. The Committee was named in honor of our sadly departed member, friend and role model, Timothy George, MD.

The initial membership of the committee consists of 18 energetic men and women from across the country, all of whom have interesting life experiences to shape the discussions and action plans. As the committee gets more focused on its initial action plan, additional members will be recruited. Volunteers are always welcome.

Our initial focus will center on the following:

1. Awards/recognition for research papers/presentations that address disparity/access/inclusion.
2. The development of pediatric neurosurgical educational materials that are socially and culturally acceptable to all.
3. Outreach projects to young students (grammar school, high school, college, medical students). Develop outreach projects directed to young students (high school and college) as well as to medical students via organized focus groups (or subcommittees) for each demographic. Partner with existing organizations with outreach programs (e.g. "Mentoring in Medicine" in New York City and "PausePartnerships" in Atlanta).
4. Outreach projects in host cities/universities. Host outreach projects in the host city of the Section meetings with coordination of the meeting organizing committee.
5. Identification of barriers to access for students/applicants to neurosurgery AI's, residencies and fellowships. Identify barriers to access for students/applicants to neurosurgery AI's, residencies, fellowships. Interface with Neurosurgery program chairs and program directors to search for real or perceived biases against applicants to neurosurgery and to pediatric neurosurgery in particular, among other topics.
6. Identification of those pediatric neurosurgeons who would be willing to volunteer as AANS Mentors with special interests in disparity, equality, inclusion and outreach.
7. Invite members to review the [AAMC Diversity 3.0 Learning Series](#), [AAMC Diversity Toolkit](#) or [Racial Equity Tools](#), anti-bias training and education.

SENIOR ADVISORY COMMITTEE REPORT

Tina Duhaime, MD, FAANS

Al Cohen, MD, FAAP, FAANS

The AANS/CNS Pediatric Section Senior Advisory Committee was formed in order to provide liaisons to committee chairs and co-chairs from among the ranks of experienced Pediatric Section members in case a “historical perspective” might be of use when committees are faced with decisions, new ideas or questions. To this end, Drs. Alan Cohen and Tina Duhaime assembled a Senior Advisory Committee made up of seven senior liaisons to the Education, International Relations, Diversity and Inclusion, Research, Quality Improvement, Trainees and Guidelines Committees, including, respectively, Tad Tomita, Rick Boop, Laurie Ackerman, John Kestle, Bruce Kaufman, Jeff Wisoff, and Ann Flannery for each of these named committees. Every senior member asked agreed to participate as a liaison, and several committees and/or their subcommittee members already have availed themselves of this perspective, which may be helpful when a proposed plan or approach has been tried in the past but met predictable hurdles that might be helpful to circumvent in the early planning phases of an initiative.

The Senior Advisory Committee looks forward to working with many of the committees and subcommittees whenever we may be able to serve as sounding boards, “memory banks” relevant to past Section efforts or general non-binding advisors.

TREASURER’S REPORT

Ruth E. Bristol, MD, FAANS

As we weather the ups and downs of the COVID-19 pandemic, the Pediatric Section remains in good financial health. Total net assets as per the last (6/30/2021) financial statement totaled \$1,282,747. This is a slight increase from the prior year (\$1,015,842) and continues to reflect a comfortable reserve to support an entire annual meeting plus Section activities for around two years without any revenue. In order to continue to support research grants and manage extra reserves in a manner consistent with the Section’s mission, opportunities for new partnerships are being explored.

Annual Meeting

The COVID-19 pandemic and recent Delta variant numbers have required strategic planning for the upcoming meeting. At this time, the Section is moving forward with an in-person meeting primarily with select portions to be live-streamed. As such, the expense for the 2021 Annual Meeting for the AANS/CNS Joint Section in Pediatric Neurological Surgery is estimated at \$328,304. Abstract submission numbers were strong, but it remains too early to project financials for the meeting at this time. The Section recognizes the current uncertainty about travel and anticipates loss of revenue for the in-person meeting may be recouped from the virtual component.

Long-term Investments

The Section’s long-term investment account did exceptionally well in fiscal year 2020 with a gain of \$229,381 for a total of \$1,063,400. This is an increase from last year at \$834,018. 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.

Honor Your Mentor Funds

As of June 30, 2021, the A. Leland Albright fund has accumulated \$50,917 and after disbursement of \$28,600, has a remaining balance of \$35,829. The Sanjiv Bhatia fund has accumulated \$62,431 and has not yet had any disbursements. The Marion “Jack” Walker fund has accumulated \$25,057, also without any disbursements.

Specific Expenses and Financial Resolutions

Although the FY2022 budget is still in process and has not yet been finalized, the Section plans to continue its commitment toward its educational and research missions including the Section research awards, the pediatric Neurosurgery Research & Education Foundation (NREF) fellowship grant and domestic and international traveling fellowships. A partnership with the CNS Foundation may represent an opportunity for additional growth, as will the transition to annual meeting management by the CNS. The Section is grateful for the prior help and management from the AANS team.

TRAINEE COMMITTEE REPORT

Sandi Lam, MD, MBA, FAANS

Brandon Rocque, MD, MS, FAANS

Amy Lee, MD, FAANS

Cormac Maher, MD, FAANS

A large part of the mission of the AANS/CNS Section on Pediatric Neurosurgery is to foster the involvement of our trainees and develop the next generation of pediatric neurosurgeons. The Section is excited to provide opportunities for medical students, residents and fellows to get involved in the pediatric neurosurgery community.

With the reorganization of the Section into several new committees and subcommittees, there are now excellent

new opportunities for medical students, residents and fellows to get involved.

Committee chairs are filling their committees and would welcome trainee involvement. The members-at-large of the Section Executive Committee are happy to facilitate this involvement. Trainees should feel free to reach out to the members-at-large or directly to committee chairs in areas of interest.

MEMBERSHIP REPORT

2021 AANS/CNS PEDS Section Fall Membership Statistics, as of 10/1/2021

Pediatric Section Class Code	Subclass	2021 Dues	2021 Fall Members	2021 Spring Members	2020 Fall Members	2020 Spring Members
ACTIVE	01S	\$100	383	388	390	387
ADJUNCT/ASSOC	15D	\$50	35	29	32	26
LIFETIME	35S	\$0	97	92	87	86
INTERNATIONAL	40S	\$50	63	62	56	51
MED STUDENT	15M	\$0	12	15	13	15
RESIDENT/ FELLOW	50R	\$0	129	125	135	126

NEW MEMBERS

ACTIVE

Peter Anthony Chiarelli, MD, Dphil
 Rabia Qaiser, MD, FAANS
 Joffre Olaya, MD, FAANS
 Farhan A. Mirza, MD
 Irene Kim, MD, FAANS
 Smruti K. Patel, MD
 Priscilla Siyah Pang, MD

RESIDENT

Joyce Kouelk, MD
 Margarita Torres Suarez, MD
 Cameron Sadegh, MD, PhD

MEDICAL STUDENT

Nolan Brown
 Abhinav Reddy
 Zhe Wang

LIFETIME

Sarah J. Gaskill, MD, FAANS(L)
 Liliana C. Goumnerova, MD, FAANS(L)
 Allen S. Joseph, MD, FAANS(L)
 David S. Knierim, MD, FAANS(L)
 Gerald F. Tuite, Jr., MD, FAANS(L)

INTERNATIONAL

Ronnie E. Baticulon, MD
 Qazi Muhammad Zeeshan Dow, MBBS, FCPS
 Yacine Felissi, MD
 Syeda Khoula Azmat, FCPS, MRCP
 Juan Ygnacio Varela, MD
 Huy Minjh Tran, MD
 Amal Alyahya, MD
 Muhammad Shoaib, MBBS, FCPS

ADJUNCT/ASSOCIATES

Lisa Newman, PA-C
 Sotiris Theodore Papamichail, PA-C
 Jessica Price, DNP, FNP-C
 Julie Tang, PA-C
 Breanna Marie Beltz, PA-C
 Joseph Day, MPAS, PA-C
 Christopher Isibor, FNP-BC

2022 DUES NOTICE MAILING

Scheduled for December 2021

MEMBERS WITH OUTSTANDING DUES

14 Members terminated for 3 years of outstanding dues

EDUCATION COMMITTEE REPORT

Jeff Leonard, MD, FAANS

Rob Bollo, MD, FAANS

The Webinars and Lectures Subcommittee has created a two-year educational curriculum starting in January 2021 consisting of an every-other-month virtual conference on an online platform 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 vision for this subcommittee will be to provide quality pediatric neurosurgical educational content to fellows, residents and other learners through an online virtual format. The 12 topics covered over the two-year curriculum were chosen to represent broad pediatric neurosurgical curriculum. The host centers have volunteered to participate and were assigned topics in a random fashion to prevent any institutional bias. The host center is responsible for moderating the session, inviting the guest faculty and providing one panelist (junior faculty member, fellow or resident). The other two panelists will be selected by the subcommittee. This will ensure a balanced representation of speakers throughout the two-year lecture series. Links to the virtual conference as well as a link to sign up as a volunteer host center for the educational curriculum can be found on the Pediatric Section website. Our most recent webinar has featured Dr. Boop talking about supratentorial tumors, which was organized and lead by the University of Alabama.

An exciting new product will come from the podcast subcommittee. This subcommittee is in the process monthly podcasts covering topics in pediatric neurosurgery with invited experts. The first proposed topic is a historical

perspective of the specialty, and the planned invited guests are Drs. Michael Scott and Marion Walker. Future podcasts will explore management controversies, emerging research in the field and career development, among others. We plan on having our first one out by the Section meeting and are hopeful that the first few adequately capture the history of our profession.

The planning for the 2021 Annual Meeting continues. In the era of uncertainty, the National Meetings Subcommittee helped shunt abstracts slated for presentation at the AANS to the Section, which were evaluated according to the standard process for the annual meeting. Final preparations are forthcoming. We are excited to see everyone in Salt Lake City for the meeting.

A robust examinations committee continues to do its work and is primarily managing the CNS SANS Section on Pediatrics. The co-chairs Dr. Governale and Dr. Morgenstern are also preparing questions that are taken directly from the released stems from the American Board of Neurological Surgery. The 12 members of this committee are all contributing material for this important endeavor. Several of the other subcommittees including the Hands-on Workshop Subcommittee and Pediatric Specialties Committee will become more active once the Section meeting is held. Last, we are also figuring out ways to partner with the ASPN Education Committee to put forth joint endeavors that enhance the educational footprint for our profession. This has been an exciting year, and we look forward to many more activities in the upcoming year.

PUBLIC ENGAGEMENT, EDUCATION AND ADVOCACY COMMITTEE REPORT

Andrew Jea, MD, FAAP, FAANS

Gregory Albert, MD, FAANS

The Committee on Public Engagement, Education, and Advocacy is a new ad hoc committee of the Section. The goals of this committee are to interact with patient advocacy groups (Spina Bifida Association, Hydrocephalus Association, Conquer Chiari, Epilepsy Foundation, to name a few) and professional organizations (AAP/SONS and ASPN) to advocate for the needs of our patients. We will accomplish this through development of educational

materials for pediatricians and patients, public education programs, policy statements, etc.

As this is a new committee, we are open to suggestions as we move forward. If you are interested in participating, contact co-chairs Andrew Jea at Andrew-Jea@ouhsc.edu and Greg Albert at galbert2@uams.edu.

PEDIATRIC SECTION ANNUAL MEETING HIGHLIGHTS

Douglas Brockmeyer, MD, FAANS

We are excited to announce the 50th Annual Meeting of the Joint Section on Pediatric Neurosurgery will be held in-person in Salt Lake City, December 7-10, 2021. Proof of vaccination is required to attend. In addition, there will be a live-stream available for the scientific portions of the meeting. Please tell your coworkers and laboratory associates who cannot attend that they can listen to the scientific talks via live-stream. Registration is separate for this offering.

This year, our meeting theme is *Healing with Precision*. After a one year hiatus, we look forward to seeing as many of you as possible with anticipation of another outstanding meeting full of high-end scientific content.

Here are some highlights:

- The Raimondi lecture will be given by world famous geneticist Dr. Lynn Jorde.
- The AAP/SONS lecture will be given by Dr. Michael Agus from Boston Children's Hospital, an international expert on clinical trial design and big data.
- The Pediatric Neurosurgery Fellow's Bootcamp will be held in the afternoon on December 7.
- Parallel APP sessions will be held in the afternoon on December 8 and 9.
- Continuation of the Molly Hubbard Fellows Award, given to the fellow with the best scientific abstract.
- A basic science-only abstract session will be held, highlighted by the Meghan Rose Bradley Foundation Award, given to the best abstract related to neuro-oncology.

As the challenging times of the pandemic begin to wind down, we wish you and your family continued health and safety. We will once again work to provide outstanding pediatric neurosurgery educational content and can't wait to see you in Salt Lake City!



WEBINARS AND LECTURES SUBCOMMITTEE REPORT

Jeff Leonard, MD, FAANS

Susan Durham, MD, FAANS

Vision Statement

The Webinars and Lectures Subcommittee will provide quality pediatric neurosurgical educational content to fellows, residents and other learners through an online virtual format.

Projects

1. **Educational Lecture Series (2021-2022):** A two-year educational curriculum starting in January 2021 consisting of an every-other-month virtual conference on an online platform 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 12 topics covered over the two-year curriculum were chosen to represent broad pediatric neurosurgical curriculum. Links to the virtual conference as well as a link to sign up as a volunteer host center for the educational curriculum are found on the Pediatric Section website.
2. **Coding for Pediatric Neurosurgeons Webinar:** In August 2021, a webinar was hosted by the subcommittee featuring Drs. Lance Governale and Cathy Mazzola on nuances of pediatric neurosurgical coding.

AAP/SONS REPORT

Andrew Jea, MD, FAAP, FAANS

As my two-year tenure as Chair of SONS draws to a close at our next EC meeting, I am inspired by all that we have accomplished together in a short period of time.

- Adapted to the challenges of a global pandemic and helped in the planning of a first-of-its-kind virtual AANS/CNS Section on Pediatric Neurological Surgery annual meeting
- Produced robust educational content for our pediatric colleagues at the annual AAP NCE, through the new AAP POC platform, and in publications such as *Pediatric Clinics of North America* and *AAP News*
- Provided input for important advocacy issues such as pediatric brain death criteria, insurance reimbursement for experimental diagnostic modalities for concussion, access to critical surgical services, child abuse and gender-based harassment in the workplace
- Involved in international health matters through the Section on Global Health
- Participated in the AAP's Choosing Wisely campaign with recommendations for pediatric neurosurgical patients and unnecessary imaging
- Gave advanced practice providers on pediatric neurosurgical teams a voice in the Section
- Allowed more opportunities for our membership to get involved in SONS initiatives such as the AAP Subspecialty Access to Care Working Group
- Grew the membership roster by 50% from two years ago
- Re-purposed the SONS business meeting at the Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery to a "mini-scientific" meeting focused on advocacy, outcomes research, quality and safety efforts, and racial and socioeconomic disparities in pediatric neurosurgery

Future directions of SONS may include a focus on diversity and inclusion in pediatric neurosurgery by engaging women and minorities in training to consider pediatric neurosurgery as a career; formation of a pediatric neurosciences committee within the AAP to unify and coordinate the efforts of the Sections of Neurology, Neurosurgery, Physiatry, Radiology, Anesthesiology, etc.; continued push towards a national pediatric neurosurgery registry to allow for benchmarking, research and education; and a higher profile at national meetings to set SONS apart from our sister professional societies in pediatric neurosurgery. Remember what makes SONS unique is our positioning as an interface between pediatric neurosurgeons and our pediatric colleagues. Through mature advocacy and education programs, SONS has an outward-focused mission, projecting and representing the ideals of pediatric neurosurgery to the rest of the world.

I am pleased to introduce your new SONS officers and committee chairs starting in the Fall 2021:

2021-2023 SONS OFFICERS AND COMMITTEE CHAIRS

- | | |
|-------------------------|--|
| • Gregory Albert, FAAP | Chair |
| • Sandi Lam, FAAP | Vice-Chair |
| • Jonathan Martin, FAAP | Secretary |
| • Andrew Jea, FAAP | Past-Chair |
| • David Bauer, FAAP | Advocacy & Policy Committee Chair |
| • Brandon Rocque, FAAP | Education Committee Chair |
| • Katrina Ducis, FAAP | Membership Committee Chair |
| • Greg Olavarria, FAAP | Database Committee Chair |
| • Natasha Raman, NP | Advanced Practice Provider Committee Chair |

THE FUTURE OF SONS IS BRIGHT!

RESEARCH COMMITTEE REPORT

David J. Daniels, MD, PhD, FAANS

Todd C. Hankinson, MD, MBA, FAANS

The Research Committee endeavors to promote the advancement of care for children with neurological disease through the promotion of scientific discovery and the development of early-stage investigators through mentorship. It will develop infrastructure to facilitate scientific advancement and the sharing of novel findings. Efforts will focus on building research foundations among early career investigators, including trainees in neurosurgery. This will allow for the development of career-long research focused pediatric neurosurgeons, who will mentor future generations of research-oriented pediatric neurosurgeons.

In this effort, the committee now includes 4 subcommittees, each with a specific focus. There is a common focus on mentorship in the research arena. The subcommittees include NREF and Pediatric Section Grants; Faculty Development and Mentoring; Clinical Networks; and Basic Science and Genetics Networks.

The NREF and Pediatric Section Grants Subcommittee is tasked with administering the current grant offerings related to the Section and the NREF, but will further look towards promoting these awards and providing mentorship and support to help applicants develop the strongest possible applications. This year, the Faculty Development and Mentoring Subcommittee will focus on developing infrastructure to support the mentorship process in pediatric neurosurgery research. This will include establishing a network of engaged and qualified mentors for both MD and APP members of the Section. This subcommittee will also develop a manual to help guide the mentorship process. The Clinical Networks Subcommittee will establish and solidify relationships between the Section and established clinical research networks that are focused in fields relevant to pediatric neurosurgery. It will begin by identifying networks of interest and establishing a liaison to each of these. Through this process, it will promote participation in the various networks and eventually develop guidelines for collaboration with various clinical research entities. The Basic Science and Genetics Networks Subcommittee has taken on the task of facilitating the communication of basic and translational research among members of the pediatric neurosurgery community. This will include work with the organizing team of the Annual Meeting to develop basic science sub-sessions within the academic program, as well as training and mentorship tools tailored toward basic researchers in pediatric neurosurgery.

The Research Committee is energetic and enthusiastic about each of these tasks. Please contact any of our members directly if you have any questions or interest in participating.

QUALITY IMPROVEMENT COMMITTEE REPORT

Annie Drapeau, MD, FAANS

Carolina Sandoval Garcia, MD

The recently created Quality Improvement Committee has been enthusiastically working to evaluate the role of quality improvement (QI) in pediatric neurosurgery. This summer, the committee sent a survey to members of the AANS/CNS Section on Pediatric Neurological Surgery, inquiring about their perception of the importance and challenges related to the implementation of QI in the field of pediatric neurosurgery. We would like to thank all of those who took the time to answer the survey. The committee will use this information to propose the key initiatives and shape future efforts around QI for the Pediatric Section.

The QI Committee has ambitious goals, which include the following:

1. Evaluating and reporting on the role of QI
2. Advocating for QI support/infrastructure and foster means to share resources
3. Providing education on Science of Improvement & Safety for pediatric neurosurgeons
4. Establishing QI standards for pediatric neurosurgery and encouraging multicenter collaboration

The QI Committee is currently working on analyzing the survey responses, which will be shared with the section during the 2021 meeting. We are also working on a "white paper" on the role of QI in pediatric neurosurgery and expect to have a final draft of the manuscript by winter 2022 as well as dedicated sessions for QI project presentations in upcoming Section meetings.

Finally, the QI Committee would like to thank the many expert volunteers willing to help with future projects, particularly Dr. Joseph Piatt, the quality officer of the Chair's Committee on Planning and Development, and Dr. Bruce Kaufman, QI Senior Advisory Committee.

GUIDELINES COMMITTEE REPORT

David F. Bauer, MD, MPH, FAANS

The Pediatric Section Guideline Committee has been active over the last six months. This committee serves many purposes. We initiate the production of practice guidelines for pediatric neurosurgeons by submitting ideas to the CNS Guidelines Committee, then creating a working group to produce the guidelines through a process supported by the CNS. We also nominate committee members to the CNS/AANS Joint Guideline Review Committee (JGRC), where we review internally and externally produced guidelines for endorsement by the CNS/AANS, a review which often serves as ad hoc peer review for publication in neurosurgery. Finally, we serve as an internal pediatric section review committee for any pediatric specific practice parameter, guideline or practice statement that might be submitted from external sources to the Section. Overall, the committee provides many services to the Section, all of which revolve around the goodwill of section membership donating time to these efforts. The defining attribute of a committee member is either a knowledge of methodology or a desire to learn the methodology through CNS sponsored methodology educational courses.

Currently, we are working on Guidelines for the Surgical Treatment of Chiari I Malformation. The process started early this year, and we hope to have a final product over the next few months. In addition, over the last six months, our members have reviewed section specific externally produced guidelines on topics such as pediatric epilepsy. JGRC members have reviewed many additional internal and external guidelines on topics such as adult tumor, adult spine and ulnar nerve decompression. Section committee members are currently helping with the SFNS Surgical Treatment of Epilepsy guidelines with the AAN/AES/CNS and the diagnosis of brain death update guidelines with AAN. As chair, I truly appreciate the many hours committee members have donated to producing and reviewing guidelines, and I look forward to continuing this work for the section in 2022. Future endeavors for our committee include updates of prior guidelines (plagiocephaly, spina bifida) and creation of a new guideline on tethered spinal cord.

I would like to thank the following members for serving on the Joint Guideline Review Committee in 2021:

Jonathan Pindrik, Taylor Abel, Greg Heuer, Sarah Jernigan, Laurie Ackerman, Howard Silberstein, Alex Beier, James (Andy) Stadler.

I would like to thank the following members for serving on the Chiari Guideline Working Group: Toba Niazi,

Rabia Qaiser, Shobhan Vachhrajani, Eric Jackson, Jeffrey Raskin, Sarah Jernigan, Jogi Pattisapu, Laurie Ackerman, Cormac Maher, Brandon Rocque, Carolyn Quinsey, Libby Infinger and Howard Silberstein.

I would like to thank prior committee chairs Cathy Mazzola and Ann Flannery for continued mentorship and support as well as Angela Price and Brent O'Neil for volunteering for the AES Epilepsy Guideline project.

ADVANCED PRACTICE PROVIDERS COMMITTEE REPORT

Haley Vance, DNP, APRN, CPNP-AC

Elisha Peregino, RN, MS, CRNP PNP-AC, HTPA

This is the Advanced Practice Providers Committee of the Pediatric Section's inaugural year as a committee. We are excited to facilitate networking, recruitment and engagement of the AANS/CNS's advanced practice providers (APPs) to best advocate and spread awareness in areas such as educational initiatives, research opportunities and to help disseminate pediatric neurosurgery practice updates. Our committee has been actively involved in helping to support the Pediatric Section Annual Planning Committee through recruiting speakers for both general and APP sessions. We are excited to see and meet all the APPs in Salt Lake City.

Over time, we aspire to increasingly engage and network with our APPs in all practice settings. If you are interested in being involved or would like to share ideas on educational topics, needed initiatives or how to best engage our APPs, reach out to committee Chairs Haley Vance at haley.vance@vumc.org or Elisha Peregino at eperegino@pennstatehealth.psu.edu.

COMMUNICATIONS COMMITTEE REPORT

Benjamin Kennedy, MD, FAANS

Carrie Muh, MD, FAANS

The Communications Committee was established and expanded to include the following subcommittees: Website, Social Media, Survey, Listserv and Virtual Meeting.

Website

The website continues to serve as a hub for new and archived information of use and interest to Section members, including news and meeting updates. New functionality includes recruiting and organizing volunteers for Section positions as well as promoting and archiving the new Educational Lecture Series. This subcommittee (Ben Kennedy, chair) is also responsible for direct email communication to members.

Social Media

The purpose of the Social Media Subcommittee (Carrie Muh and Smruti Patel, co-chairs) is to manage and expand the social media footprint of the Joint Section on Pediatric Neurosurgery in order to encourage communication and engagement both among and between our members and the wider community. Our goals are:

1. To represent pediatric neurosurgery in a professional manner;
2. Share our research and mission with the community;
3. To keep our members aware and updated of educational opportunities, conferences and job opportunities within the field of pediatric neurosurgery; and
4. To present regular, pertinent content to increase engagement both in the form of sharing of the content as well as number of followers.

The Social Media subcommittee has established professional accounts across the Facebook, Instagram, Twitter and LinkedIn platforms. New to our social media curriculum this year is the weekly to bi-weekly "Feature Fellow Spotlight", which showcases our current ABPNS-accredited fellows. In addition, regular content will be posted to promote attendance to the Educational Fellowship Lecture Series, organized by our Education committee throughout the year. The subcommittee has created a professional LinkedIn page for the Joint Section, which we will utilize as a source of information on upcoming conferences, educational lectures as well as ABPNS-accredited fellowship and career opportunities. We will continue to live tweet and actively post across the platforms throughout the annual meeting to increase interaction among current and future members. The

subcommittee will also continue to post and share information regarding new research and innovation in our field as well as award and scholarship opportunities available through both the Joint Section and our parent organizations.

For content sharing, the following subcommittee members manage the following accounts:

- Instagram (Smruti K. Patel, MD): @aanscns_pedssection
- Facebook (Smruti K. Patel, MD): AANS/CNS Joint Section on Pediatric Neurosurgery Page
- LinkedIn (Smruti K. Patel, MD; Carrie Muh, MD, FAANS): AANS/CNS Joint Section on Pediatric Neurosurgery Page
- Twitter (Carrie Muh, MD, FAANS): @PedsSection

Please reach out to Smruti K. Patel, MD, at smruti.patel@cchmc.org if you would like the Joint Section to host any relevant and appropriate content related to the section or pediatric neurosurgery (subject to subcommittee review and approval).

Survey

This newly formed subcommittee (Eric Sribnick and Shelly Wang, co-chairs) will provide members of the Pediatric Joint Section with the ability to send out surveys to the entire membership to query those members on aspects of pediatric neurosurgical care. To avoid saturating our membership, we will limit surveys to four or fewer per year. Selection of surveys will be based on quality and design of the questions. It is expected that data from these surveys will be presented in a publication and presentation at the annual Section meeting. Survey creators will be responsible for maintenance of their individual survey at a third party site, and the subcommittee will assist in promotion and endorsement of the survey. The first surveys are planned for late 2021.

Listserv

This newly formed subcommittee (Nir Shimony and Jennifer Ronecker, co-chairs) is working toward reinvigorating the Section's listserv to serve as an active, email-based exchange of questions, ideas, cases, discussion – whatever our membership needs.

Virtual Meeting

Thanks to the tireless work of this new subcommittee (Krystal Tomei and Albert Tu, co-chairs), we are able to have virtual aspects of our annual Section meeting. Plans for December look great, so stay tuned for options for a virtual experience from Salt Lake City!

INDUSTRIAL RELATIONS COMMITTEE REPORT

Jesse Skoch, MD, FAANS

Peter Sun, MD, FAANS

We are enthusiastic about the potential for the Industrial Relations Committee to enhance the interplay between the Joint Section, surgeon innovators and the power of industry. We view the Industrial Relations Committee as a functional liaison between organized pediatric neurosurgery and industries relevant to our practice. We strive to maintain and grow industry sponsorship to allow the Joint Section to carry out its mission while moderating the role of industry to minimize bias and influence. We also aim to empower surgeon-driven innovation and entrepreneurial spirit by promoting opportunities for surgeons to partner or receive support from industry and to challenge industries to meet the needs of our patients.

Our working goals include advising and assisting AANS personnel and annual meeting hosts with funding applications to obtain support for the annual meeting, working with annual meeting hosts and AANS team to solicit and secure support, developing opportunities to increase support through new industry relationships, working with the executive committee to develop sources of support for educational and research missions including traveling fellowships or research fellowships, assessing activities of the joint section for any evidence of commercial bias, fostering surgeon-driven innovation and helping to protect intellectual property, and communicating the most pressing pediatric neurosurgical clinical needs to our industry partners. We will be launching projects to meet these goals and welcome support and ideas.

INTERNATIONAL RELATIONS COMMITTEE REPORT

Christopher Bonfield, MD, FAANS

Eylem Ocal, MD, FAANS

The AANS/CNS Section on Pediatric Neurological Surgery has announced the creation of the International Relations Committee (co-chairs: Christopher Bonfield, Eylem Ocal). Overall, this committee will provide a leadership role promoting and coordinating the global neurosurgical efforts of its section members. Initial goals of the committee are to determine the global neurosurgical educational activities and identify regional international education experts among its members and to promote international educational activities between its members, encouraged by the regional experts.

The additions of the International Education Subcommittee (co-chairs: Samer Elbabaa, Caitlyn Hoffman) and International Liaisons positions will also enhance the Section's network and involvement within global neurosurgery. Through this, we look to foster key international collaborations and initiatives leading to improved quality of pediatric neurosurgical education and surgical outcomes worldwide by expanding access to colleagues performing global work, establishing durable collaborations with international organizations and defining a model for Global Fellowship Training to increase access to training/education on an international scale. The Liaisons seek to cultivate meaningful connections between the section with multiple global neurosurgical societies, enhancing the connection of pediatric neurosurgery across the globe, and to actively partner with other organizations to align with their efforts in meeting the unmet global neurosurgical needs and conducting pediatric neurosurgical educational activities.

We hope that the International Relations Committee will position the AANS/CNS Section on Pediatric Neurosurgery as a key player in international education, training, fellowship and humanitarian efforts.

We would also like to acknowledge the following members who have volunteered to serve as Advisors and International Liaisons: Phillip Aldana, Kaveh Asadi, Bruno Braga, Art DiPatri, Michael Handler, Ryan Jafrani, Shibu Pillai, Heather Spader, Zulma Tovar-Spinoza, Hasan Raza Syed, Nathaniel Tshibambe, Albert Tu, Exequiel Verdier and Corbett Wilkinson.

THE ABPNS IS HERE TO SERVE YOU

James Drake, MD, FAANS

Ian F. Pollack, MD, FAANS

Bermans J. Iskandar, MD, FAANS

The American Board of Pediatric Neurosurgery (ABPNS) is composed of 10-12 Pediatric Neurosurgeons with the mission "to encourage the study, improve the practice, and elevate the standards of pediatric neurological surgery, and thereby to advance the cause of public health."

It started out with forty pediatric neurosurgeons from the US and Canada, who met in Chicago in the early summer of 1991 and voted unanimously to form the Board. A year later, the Accreditation Council for Pediatric Neurosurgical Fellowships (ACPNF) was created to oversee and regulate pediatric neurosurgical fellowship programs.

The main function of the ABPNS is to certify neurosurgeons in the subspecialty of pediatric neurosurgery. While past ABPNS certificates were not recognized by the American Board of Medical Specialties (ABMS), the remarkable accomplishments of the ABPNS over 3 decades led to the logical next step of joining forces with the American Board of Neurological Surgery (ABNS) on one hand, and the Royal College of Physicians and Surgeons of Canada (RCPS-C) on the other hand, to offer combined certificates, henceforth entitled: Recognition of Focused Practice in Pediatric Neurosurgery (RFP). The advantages of the new RFP include official recognition by the ABMS and maturation of the close partnerships with the neurosurgical specialty boards of the US and Canada.

Hence, as our founders predicted in 1991, the ABPNS's position as the official body for certifying pediatric neurosurgeons was formalized and has become the de facto source of information and certification matters for individuals, departments, hospitals and other societies, such as the American College of Surgeons and the American Academy of Pediatrics. We are also excited that our collaboration with the ABNS now gives our RCPS-Canada certificate holders access to the Continuous Certification process of the ABNS.

If you are not currently a member of the ABPNS, please join. If you are, please keep abreast of the dynamic changes occurring at the level of the merger with the ABPNS and RCPS-C, certification, recertification, written exam, etc. by referring to the following websites: [ABNS](#), [ABPNS Certification](#), [ABPNS Recertification](#) and [ACPNF](#).

What is in the Future?

We will work on continuing to enhance our partnership with the ABNS by combining the ABNS and ABPNS websites, giving Canadians more access to ABNS-ABPNS activities and automating a centralized application process, caselog entry for certification and recertification applications.

Important Dates

- November 12-13, 2021: ABNS pediatric focused oral examination
- December 7, 2021: ABPNS BOD meeting and ABPNS oral examination
- April 1 and October 1 of every year: Deadlines for ABPNS recertification applications
- May 13, 2022: RFP examination in pediatric neurological surgery for ACPNF fellows – will require in-person proctoring by an ABPNS Diplomate (usually fellowship director or designee)

Please address any questions to our administrator Kari Bollerman at kbollerman@abns.org.

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)

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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)

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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)

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)

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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)

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)

"Officers and Committee Members" Continued from Page 16

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)

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)