

Pediatric Short Cuts

AANS/CNS Section on Pediatric Neurological Surgery



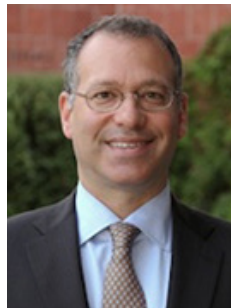
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Editor: Matthew D. Smyth, MD, FAANS

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.

CHAIR'S MESSAGE



Mark D. Krieger, MD, FAANS

Welcome to the Fall 2020 edition of Short Cuts!

I hope that this missive finds you, your families and your teams in safety and in health. It is incredible to think of the worldwide changes since I last wrote here six months ago. The physician and novelist Walker Percy wrote about "rotation," how we see the world differently in response to extraordinary events. I would hope that your work as a pediatric neurosurgeon has been motivating and sustaining during this crisis period, and that your role as a leader has been affirming as we all work to make our teams, enterprises and communities more just and supportive.

In response to our current reality, the [49th Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery](#) will be conducted in a virtual online format December 2-4, 2020, from 1-5 pm Eastern time. I'm truly excited about this meeting, as we will use emerging technology and novel presentation formats to make this meeting dynamic and engaging to serve these longstanding goals of the annual meeting:

- **Advance** the field of pediatric neurosurgery
- **Deliver** scientific content relevant to our field
- **Support** the academic productivity and career development of our members
- **Help** bring students, residents, fellows and junior faculty members into our field and to support their academic work and career development
- **Establish** and maintain our community of pediatric neurosurgeons

I've been extremely fortunate to work with your outstanding Section officers (Chair-Elect Benny Iskandar, MD, FAANS; Secretary Matt Smyth, MD, FAANS; and Treasurer Rich Anderson, MD, FAANS) to plan this novel event. Using a combination of live talks, prerecorded talks, archived presentations, live meeting rooms and live opportunities for debates and questions and answer sessions, we will have

"Chair's Message" Continued on Page 2

49TH ANNUAL MEETING OF THE AANS/CNS SECTION ON PEDIATRIC NEUROLOGICAL SURGERY

ELEVATING HEALTH THROUGH KNOWLEDGE



DECEMBER 2-4, 2020 VIRTUAL MEETING



CNS

"Chair's Message" Continued from Page 1

more dynamic presentations than ever before. These presentations will be archived and available before, during and after the sessions.

The content will be rich. Rob Bollo, MD, FAANS, has been working with the Accreditation Council for Pediatric Neurosurgery Fellowships on a session on Wednesday for Fellows to present their research, culminating in awarding the inaugural Molly Hubbard Prize for Fellow Presentation. Andrew Jea, MD, FAANS, is leading the American Academy of Pediatrics-Section on Neurological Surgery event on Thursday, with a special session with Sally Goza, MD, President of the AAP. Haley Vance, Mandy Breedt, Han Nguyen and Andrea Sloane are working to establish an enduring community of advanced practitioners, and will have a full session of informative presentations during a concurrent session on Wednesday. Ann Marie Flannery, MD, FAANS; Jerome Volk, MD; and the New Orleans group will host a session address the racial injustice, the effects of the pandemic on neurosurgery and neurosurgery training, and mission driven philanthropy on Friday. Their session will also include abstracts on hydrocephalus and trauma. Sandi Lam, MD, FAANS, and Brandon Rocque, MD, MS, FAANS, have prepared a Thursday session addressing functional neurosurgery, including a "how-I-do-it" session on dorsal rhizotomy and a talk by John Rogers, PhD, a material science engineer, on novel devices for the treatment of epilepsy. Todd Hankinson, MD, MBA, FAANS, and Paul Klimo, MD, FAANS, will host a Wednesday session on neuro-oncology, including updates from Nalin Gupta, MD, PhD, FAANS, and Kathleen Dorris, MD, as well as an interactive clinical case presentation by Dr. Klimo. There will be a concurrent abstract session on Thursday, led by Ruth Bristol, MD, FAANS, and Elias Rizk, MD, FAANS. We will have opportunities for informal meetings and engagement with exhibitors.

I am grateful for the diligence of Ann Marie Bray, Sue Christiansen, Samantha Luebbering and the AANS meeting staff who have been working with us to plan this year's meeting, and who were able to effect a contractual change with the Grand America Hotel in Salt Lake City to ensure the Pediatric Section did not incur any liabilities or costs for this change.

I'd be remiss if I didn't acknowledge the diligent collaborative work performed by Doug Brockmeyer, MD, FAANS, and the Salt Lake City team up to this point. I am glad to report that they have agreed to host the 50th Annual Meeting of our Section December 7-10, 2021. I know that we will all be looking forward to getting together in person next year.

I'm truly looking forward to "seeing" you all in December. The Pediatric Section needs your support and your engagement. I'm certainly pleased to report that we've had a record number of abstract submissions, and I'm hopeful that with your participation during the meeting, pediatric neurosurgery will emerge from this stronger than ever.

Sincerely,

Mark D. Krieger, MD, FAANS

TREASURER'S REPORT

Richard C. E. Anderson, MD, FAANS

The Pediatric Section remains in good financial health. Total net assets as per the last (6/30/2020) financial statement totaled \$953,506. This is an increase over the prior year (\$888,285) and continues to reflect a comfortable reserve to support an entire annual meeting plus Section activities for two years without any revenue. Section leadership is prioritizing the use of the extra reserves in a manner consistent with the Section's mission.

Annual Meeting

The 2019 Annual Meeting for the AANS/CNS Joint Section in Pediatric Neurological Surgery in Scottsdale had a net excess of \$53,867. This is compared to a net excess of \$91,908 at the 2018 Annual Meeting in Nashville. Revenue projections for the upcoming 2020 virtual meeting are currently in flux. The net revenue for meetings has now been positive for more than five years as a result of continued efforts by Section officers to reduce costs in collaboration with local meeting hosts and AANS staff.

Long Term Investments

Despite the COVID-19 pandemic, the Section's long-term investment account remains favorable at \$834,018. This is an increase from last year at \$807,795. 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

The A. Leland Albright fund has accumulated \$52,683. The Sanjiv Bhatia fund has accumulated \$56,269.

Specific Expenses and Financial Resolutions

The Section continues its commitment toward its educational and research missions. In the 2020 budget, there is renewed financial commitment toward the Pediatric Neurosurgical Research & Education Foundation (NREF) Fellowship grant, Section research awards and domestic and international traveling fellowships.

Overall, there appear to be no concerns.

SHOW YOUR SPIRIT! BRINGING PEDIATRIC NEUROSURGERY CLOSER TOGETHER WITH #BRAINYHALLOWEEN2020

Round up your Pediatric Neurosurgery teams and submit pictures in costumes with the hashtag #BrainyHalloween2020.

@PedsSection is on [Twitter](#), [Instagram](#), and [Facebook](#).

We can foster and show the collaborative and fun spirit of Pediatric Neurosurgery. This is a new opportunity for engagement on social media around the world. Connect with colleagues, trainees, patients, families, and community stakeholders. It will be fun!

We will showcase a highlight reel of #BrainyHalloween2020 images and enlist the entire audience in live voting at the virtual Peds Section meeting on Thursday, December 3, 2020. Honor, fame, and recognition for Peds Neurosurgery programs with the most creativity and spirit!

Questions about the Halloween challenge? Shy on social media and still want to submit pictures for the Peds Section meeting showcase?

Please email questions or pictures to sandilam@gmail.com /direct message on Twitter [@sandi_lam](#).

NATIONAL MEETINGS COMMITTEE REPORT

Amy Lee, MD, FAANS; Raheel Ahmed, MD, FAANS; Rob Naftel, MD, FAANS; and Todd Hankinson, MD, MBA, FAANS

The National Meetings Subcommittee is charged with helping to plan the Pediatric Section activities at the American Association of Neurological Surgeons (AANS) and Congress of Neurological Surgeons (CNS) national meetings. We follow recent changes in the field to try to improve the quality and maintain the relevance of lectures and abstracts. The goal is to promote discussions that address timely topics and updates as well as consensus management from experts in the field. The AANS has suggested a number of newer session formats to maximize engagement and interest. These have been incorporated into plans for both the 2020 Joint Pediatric Session meeting and the 2021 AANS Annual Meeting.

The 2021 AANS Annual Meeting is scheduled to will be held in Vancouver, with the Pediatric Scientific Sessions on Monday April 19 and Wednesday April 21. While the current plan is to include live attendance, the sessions are also being planned to include more remote content. This may facilitate the inclusion of a wider breadth of presenters, some of whom may not have travelled to the meeting in previous years. Sessions are being designed to promote attendee participation/interaction with speakers. Some aspects of the sessions may be pre-recorded and some will certainly be live. Both sessions will include abstract presentations.

Currently, the Monday session is planned to include the Matson Lecture (speaker TBD); an update on molecular testing and bio-banking for pediatric brain tumors; an operative technique session regarding epilepsy management; and an interactive discussion between experts regarding a topic in tumor management or spasticity.

The Wednesday session will include a TED-style lecture regarding Neuroethics related to Technological Advances; a complex case presentation/discussion; a session that follows a patient through an acute presentation and management, allowing for interactive discussion; and presentations of particularly influential papers that appeared in the Journal of Neurosurgery this year.

We want to thank everyone participating in the educational and scientific program and look forward to the upcoming meetings.

INTERNATIONAL EDUCATION COMMITTEE

Phil Aldana, MD, FAANS

During this pandemic, international education efforts have gone virtual. The committee has partnered with the ISPN in supporting its popular "Clash of the Titans" webinar series, with past-chair of our Section, Mark Proctor, MD, FAANS, presenting on craniostyosis surgery and member Jeff Blount, MD, FAANS, speaking on corpus callosotomy.

The International Education Committee is still working on a web-based survey of section member international education activities, to serve as a resource for members to collaborate their efforts and for those members interested in international education to get advice and mentorship.

Members of the Pediatric Section are encouraged to support the efforts of the Global Neurosurgery Subcommittee of the World Federation of Neurological Surgeons in providing access to neurosurgical care worldwide. To learn more, visit <https://globalneurosurgery.org/objectives/>

Anyone interested in participating in international education or global neurosurgery can contact the committee members – myself at Philipp.Aldana@jax.ufl.edu; Eylem Ocal, MD, FAANS, at eocal@uams.edu and Chris Bonfield, MD, FAANS, at Chris.Bonfield@vumc.org.

GUIDELINES COMMITTEE REPORT

David F. Bauer, MD, MPH, FAANS

The Pediatric Section Guidelines Committee has participated in multiple projects over the last six months through zoom meetings and conference calls.

An update of the 2014 Hydrocephalus Guidelines was completed and approved by the Joint Guidelines Review Committee (JGRC) of the AANS/CNS in August. The manuscript to be published in Neurosurgery this fall. Two significant updates were made to the prior guidelines. In chapter two, a level III recommendation was added, stating neuro-endoscopic lavage is a feasible and safe option for the removal of intraventricular clots in post hemorrhagic hydrocephalus in premature infants, and it may lower the rate of shunt placement. In chapter seven, the recommendation for the use of antibiotic impregnated shunt systems was strengthened to level I, based on the recently published prospective, single-blinded, randomized BASICS trial from the U.K.

We are happy that the CNS Guidelines Committee has given us a start date for October to begin the process to create the new Guidelines for the Management of Chiari I Malformation. We plan three chapters that will guide pre-operative work-up, surgical intervention, and treatment of craniocervical junction pathology. With an October 2020 start date, we hope to have the final document ready by fall 2021.

The Pediatric Section is working with the Stereotactic and Functional Section of the AANS/CNS, the American Academy of Neurology (AAN), and the American Epilepsy Society (AES) to create Guidelines for the Surgical Treatment of Epilepsy. Created in summer 2019, the group is currently defining search terms and preparing for abstract and full text review. Final manuscripts will likely be complete in fall 2021.

The Pediatric Section is represented in an upcoming update of the Guidelines for the Diagnosis of Brain Death. The update will unify the adult and pediatric guidelines into one document. A modified Delphi methodology is used, and the third round of voting was recently completed. Final documents should be published in 2021.

Finally, the Pediatric Section is represented in an upcoming guideline on platelet and plasma transfusion in children through the TAXI-CAB initiative through BloodNet and the American Society of Pediatric Hematology / Oncology (ASPHO). The multi-disciplinary group is composed of pediatric intensivists, hematologists, and surgeons. The working group has performed abstract and full text reviews, and it is in the process of creating Grade based guidelines and best practice statements. The guidelines will cover many topics, including transfusion for non-cardiac surgery such as cranosynostosis surgery and transfusion for critically ill pediatric patients with TBI.

Please email Dr. David Bauer with any questions, if you are interested in joining future projects, or if you would like resources to learn more about the guideline methodology process. (dfbauer@texaschildrens.org)

COMMUNICATIONS COMMITTEE UPDATE

Ben Kennedy, MD

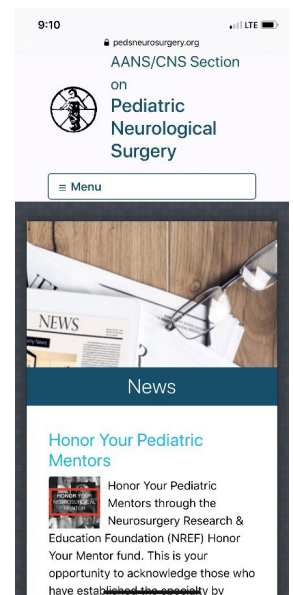
The AANS/CNS Pediatric Section website has undergone recent improvements:

The website is hosted by aans.org, can still be reached at www.pedsneurosurgery.org. Fully functional, with more features and content than before, with a more contemporary design and mobile compatibility (see figure below). Please peruse the site!

- Maintenance is performed jointly between the Section and the AANS in-house staff, and the Section is in control of all content. Maintenance costs with this relationship are low.
- Members are able to log in to the members-only section of the website using their AANS credentials. There are no longer separate Pediatrics Section credentials. The AANS will ensure accurate and updated user profiles through its mechanisms of paying dues.
- Keep in mind, job postings on the website are free and can be maintained until the position is filled. If you have a position available, send the posting to kennedybc@email.chop.edu with contact information to place on the site.

The Section now has an active social media presence on Twitter (@PedsSection), managed primarily by Carrie Muh. Check it out at twitter.com/pedssection

Please reach out to Ben Kennedy (kennedybc@email.chop.edu) if the website can be modified to help Section members in any way.



EXAMINATION QUESTIONS COMMITTEE REPORT

Lance Governale, MD, FAANS

The Examination Questions Subcommittee continues to focus on updating the CNS SANS Pediatric exam. Although the exam remains the product of the CNS SANS Committee, there is oversight by the Section. The Subcommittee would like to thank the question writers listed below who have contributed in 2020!

- | | |
|-----------------------------|--------------------------------------------------|
| • Jason Blatt, MD | University of Florida Shands Children's Hospital |
| • Markus Bookland, MD | Connecticut Children's Hospital |
| • Annie Drapeau, MD | Nationwide Children's Hospital |
| • Mari Groves, MD | Johns Hopkins School of Medicine |
| • Joel Katz, DO | Akron Children's Hospital |
| • Ben Kennedy, MD | Children's Hospital of Philadelphia |
| • Neena Marupudi, MD | Children's Hospital of Michigan |
| • Jon Pindrik, MD | Nationwide Children's Hospital |
| • Rabia Qaiser, MD | Baylor Scott & White Health |
| • Ammar Shaikhouni, MD, PhD | Nationwide Children's Hospital |
| • Eric Sribnick, MD, PhD | Nationwide Children's Hospital |

ABPNS REPORT

John Kestle, MD, FAANS (*ABPNS Chair*) and Bermans J. Iskandar, MD, FAANS (*ABPNS Secretary-Treasurer*)

The Boards of Directors of the American Board of Pediatric Neurological Surgery (ABPNS) and the American Board of Neurological Surgery (ABNS) continue to refine the new American Board of Medical Specialties (ABMS)-approved certification process for pediatric neurosurgeons. After completing the requirements, candidates receive a Recognition of Focused Practice (RFP) in Pediatric Neurological Surgery in collaboration with the ABNS or the Royal College of Physicians and Surgeons of Canada (RCPSC). All neurosurgeons seeking certification or recertification in pediatric neurosurgery should refer to the ABPNS (<https://abpns.org>) and ABNS (<https://www.abns.org>) websites for details. Other important highlights can be found in the previous edition of the Pediatric Short Cuts (<https://pedsneurosurgery.org/wp-content/uploads/2020/04/Peds-Shortcuts-Spring2020.pdf>).

ABNS Oral Exam

- Six of the 11 ABPNS Directors will serve as examiners at the fall 2020 virtual ABNS oral examination.
- The ABPNS holds occasional oral exam sessions for those seeking the pediatric RFP but did not take the pediatric-focused ABNS oral exam. This mainly affects RCPSC diplomates seeking the RCPSC-ABPNS RFP, as well as the few ABNS diplomates who did not take the pediatric-focused ABNS oral examination. The next ABPNS oral exam will be held virtually on December 11, 2020.

ABPNS Recertification

- All ABPNS diplomates who plan to recertify (at the end of 10 years) are required to participate in the ABNS Continuous Certification program (CC). This includes Canadian diplomates (who have now been authorized to take the annual pediatric adaptive learning modules on the ABNS website), and both time-limited and non-time limited ABNS diplomates. Diplomates who do not intend to recertify (i.e., they intend to seek Certified-Retired status) at the end of their 10 years do not need to participate in CC.
- The Board of Directors (BOD) will review ABPNS recertification applicants at its December 2020 meeting. The deadline for the ABPNS recertification application submission is October 1, 2020.

Outgoing ABPNS Directors and New Nominations

- Dr. Kestle will be rotating off the ABPNS BOD in December of 2020. Nominations have been received from the nominating societies: ASPN, Peds Section, AAP. A new ABPNS board member will be elected at the December 2020 ABPNS BOD meeting.

ABPNS Written Examination

- The ABPNS BOD requests that all those seeking the pediatric ABNS/ABPNS credential take the written examination within one year of their fellowship, and preferably in their fellowship year. The exam is usually held in June.
- This year, the ABPNS will be holding an additional written (online) examination on November 6, 2020, for those seeking the pediatric RFP but who are not currently in fellowships.

For any additional information, please contact our Administrator, Kari Bollerman (kbollerman@abns.org), or Secretary, Benny Iskandar (Iskandar@neurosurgery.wisc.edu).

2020 PEDS SECTION FALL MEMBERSHIP REPORT

Lance Governale, MD, FAANS

Pediatric Section Class Code	Subclass	2020 Dues	2020 Fall Members	2020 Spring Members	2019 Members	2018 Members
ADJUNCT/ ASSOCIATE	15D	\$50.00	32	26	27	14
ACTIVE	01S	\$100.00	390	387	370	351
LIFETIME	25S	\$0.00	87	86	85	78
INTERNATIONAL	40S	\$0.00	56	51	44	35
MED STUDENT	15M	\$50.00	13	15	11	4
RESIDENT/ FELLOW	50R	\$0.00	135	126	85	39

NEW MEMBERS

ACTIVE

Ashley Hanna, MD
 Sze Chun Winson Ho, MD
 Benjamin C. Kennedy, MD
 Eric Anthony Sribnick, MD, PhD, FAANS
 Samuel G. McClugage III, MD
 Andrew J. Kobets, MD, MHS

RESIDENT

Evan Amjed Haleem, MBChB, FIBMS
 Ioannis Mavridis, MD, PhD
 Avin Omar Taher, MB ChB
 Nisha Gadgil, MD
 Soren B. Jonzzon, MD
 Leonard H. Verhey, MD
 Ryan James Jafrani, MD
 Kathleen Elizabeth Knudson, MD
 Muhammad Burhan Ud Din Janjua, MBBS

INTERNATIONAL

Anmol Nagaraj, MBBS, MS, MCh
 Arunkumar Karthikayan, MBBS MS MCh
 Arjun Dhar, MBBS, DNB
 Tossif Ahmed Saeed Ghodiwala, MD
 Ghayur Abbas, MBBS

ASSOCIATE

Marinus H Koning, MD, FACS
 Nadia A. Atai, MD, PhD
 Cara-Lee Stephenson, CPNP
 Barbara Bell, RN/NP
 Jaroslava Teet, PA-C

MEDICAL STUDENT

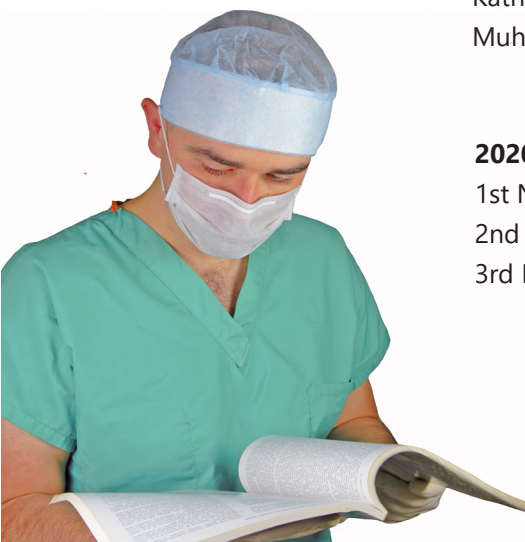
Usman Beg
 Jenelys Fernandez-Torres
 Sy Clark

2020 Dues Notice Mailings

1st Notice, Emailed 12/31/2019
 2nd Notice, US Mail 3/1/2020
 3rd Notice, Email Pending

Members with Outstanding Dues

19 Members owe 2 years dues
 12 Members owe 3 years dues
 2 Active members terminated for outstanding dues



IN MEMORIAM: RALPH KISTLER

Jack Walker, MD, FAANS

Ralph Kistler, a great friend and supporter of pediatric neurosurgery, passed away quietly at his home on October 18. He was 81 years of age and was surrounded by his family. Ralph was diagnosed with an atypical carcinoid tumor of his left lung in 2014. He had an upper left lobectomy followed by radiation therapy. His last follow-up in September 2019, five years following his original diagnosis, showed no disease. In the spring of this year he began to exhibit balance issues. CT and MRI in September showed multiple brain lesions. He also had metastasis to his liver.

Ralph came to the neurosurgical community in 1990 when he became the vice president of sales for the new PS Medical company. His easy-going manner, knowledge and availability allowed him to help PS Medical become an important part of hydrocephalus management and the market leader in hydrocephalus therapies. He was always available if there were questions of any kind. He had a large role in the transition from PS Medical to Medtronic.

I believe that Ralph played an important part during the early years of pediatric neurosurgery, when we were trying to establish an independent identity. He was always willing to support our meetings, even in the beginning when attendance was quite small. He also supported pediatric neurosurgery around the world, not just here in North America. Colleagues in the ISPN knew and respected him. Ralph's commitment to the hydrocephalus community was also manifest by his service as a member of the Board of Directors of the Hydrocephalus Association.

AANS/CNS SECTION ON PEDIATRIC NEUROSURGERY OFFICERS AND COMMITTEES

OFFICERS

Chair

Mark Krieger (2019-2021)

Immediate Past Chair

Mark Proctor (2019-2021)

Chair-Elect

Benny Iskandar (2019-2021)

Secretary

Matt Smyth (2019-2021)

Treasurer

Richard Anderson (2019-2021)

Members at Large

Elias Rizk (2019-2021)

Ruth Bristol (2019-2021)

Sandi Lam (2020-2022)

Brandon Rocque (2020-2022)

STANDING COMMITTEES

Nominating Committee (6-year term after Section Chair)

Mark Proctor – Chair (2019-2025, Chair 2019-2021)

Sarah Gaskill – Chair (2017-2023)

Bruce Kaufman (2015-2021)

Rules & Regulations Committee (2-year term)

Brent O'Neill – Chair (2019-2021)

Heather McCrae (2019-2021)

Jen Strahle (2019-2021)

Membership Committee (2-year term)

Robert Bollo – Chair (2019-2021)

Caitlin Hoffman (2019-2021)

Krystal Tomei (2019-2021)

Education Committee (2-year term)

Susan Durham – Chair (2019-2021)

William Whitehead – Chair-elect (2019-2021)

EDUCATION COMMITTEE SUBCOMMITTEES (ad hoc)

Pediatric Section Annual Meeting Subcommittee

Doug Brockmeyer – Chair (2021 - Salt Lake City)

John Kestle (2021- Salt Lake City)

Robert Bollo (2021 - Salt Lake City)

Samuel Cheshier (2021 - Salt Lake City)

David Adelson (2019 - Phoenix)

Ruth Bristol (2019 - Phoenix)

Mark Krieger ex-officio – Section Chair

Benny Iskandar ex-officio – Section Chair-elect

Richard Anderson ex-officio – Section Treasurer

Matthew D. Smyth

National Meetings Subcommittee (2-year term)

Todd Hankinson, co-chair (2019-2021)

Amy Lee, co-chair (2019-2021)

Raheel Ahmed (2019-2021)

Rob Naftel (2019-2021)

Communications Subcommittee

Benjamin Kennedy – Chair (2019-2021)

Carrie Muh, social media (2019-2021)

Tracy Flanders – Resident (2019-2021)

Peter Madsen – Resident (2019-2021)

Training Subcommittee (Traveling Fellowships)

(2-year term)

Andrew Jea - Chair (2019-2021)

Edward Ahn - Vice Chair (2019-2021)

Nathan Ranalli (2019-2021)

Stephanie Greene (2019-2021)

International Education Subcommittee (2-year term)

Phil Aldana - Chair (2019-2021)

Christopher Bonfield (2019-2021)

Eylem Ocal (2019-2021)

Examination Questions Subcommittee (2-year term)

Lance Governale – Chair (2018-2021)

Rabia Qaiser (2018-2021)

*"List of Officers and Committee Members" Continued from Page 9***AD HOC COMMITTEES****Pediatric Section Guidelines Committee***(3-year term, change at CNS meeting)*

David Bauer – Chair	(2017-2019, Chair 2020-2022)
Brandon Roque	(2017-2020)
Jon Pindrik	(2019-2022)
Taylor Abel	(2019-2022)
Greg Heuer	(2019-2022)
Sarah Jernigan	(2019-2022)
Laurie Ackerman	(2019-2022)
Howard Silberste	(2019-2022)
Alex Beier	(2019-2022)

Lifetime Achievement Award: Immediate Past Chair

Mark Proctor	(2019-2021)
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Research Committee *(2-year term)*

Cormac Maher – Chair	(2013-2019, Chair 2019-2021)
Eric M. Thompson	(2015-2021)
David Daniels	(2017-2021)
Scellig Stone	(2019-2021)
David Limbrick	(2019-2021)

Industry Relations Committee

Alex Powers – Chair	(2019-2021)
Sam Browd	(2019-2021)
TBD	(2019-2021)

REPRESENTATIVES AND LIAISONS**Liaison to the AANS Executive Committee**

Mark Krieger - Current Chair	(2019-2021)
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Liaison to the CNS Executive Committee

Benny Iskandar – Chair-elect	(2019-2021)
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Liaison to the ABPNS

John Kestle	Current Chair of ABPNS
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Liaison with ACPNF (Accreditation Council of Pediatric Neurosurgery Fellowships)

Cormac Maher	Current Chair of ACPNF
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Liaison with ISPN

Eylen Ocal	(2019-2021)
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Liaison with ASPN

John Ragheb	Current President of ASPN
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Liaison with AAP Section of Neurological Surgery (SONS)

Andrew Jea	Current Chair of SONS
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Liaison to the Joint Council of State Neurosurgical Societies *(2-year term)*

Jason Blatt	(2019-2021)
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Liaison to the Coding and Reimbursement Committee, AANS *(2-year term)*

Curtis Rozelle	(2017-2021)
Jason Blatt	(2019-2021)

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

Joseph Madsen	(2018-2021)
Sam Browd	(2018-2021)

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

Benjamin C. Kennedy	(2019-2021)
Alt: Michael McDowell (resident)	

Liaison to Quality/Outcomes groups

Brandon Rocque – Chair	(2019-2021)
Sandi Lam – former Chair	(2017-2021)

Liaison to the NREF

Cormac Maher	(2019-2021)
David Limbrick	(2019-2021)

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

Francesco Mangano, DO	(2017-2019)
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Liaison to Tumor Section *(2-year term)* - New

Amanda Saratsis, MD	(2018-2021)
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Liaison to Trauma Section *(2-year term)* - New

Eric Sribnick, MD	(2020-2023)
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