

2022 ASNMM Elections Information Form

Name (as you would like it to appear on the ballot): **Faisal R. Jahangiri**

Credentials: **MD, CNIM, D.ABNM, FASNMM, FASET**

Position and Organization:

1. Vice President of Clinical Affairs, Axis Neuromonitoring LLC, Richardson, Texas.
2. Immediate Past-President/Member Executive Committee, ASNMM
3. Adjunct Professor, Labouré College of Healthcare, Milton, MA.
4. Faculty, School of Behavioral and Brain Sciences, The University of Texas at Dallas, Richardson, TX
5. President and CEO, Global Innervation LLC, Dallas, Texas.

Education:

- 2020: Mini-Fellowship in Movement Disorders, Dept. of Neurological Sciences, University of Nebraska
- 2019: Fellowship, American Neurodiagnostic Society (ASET)
- 2018: AANS Annual Scientific Meeting, New Orleans, LA. 2nd International Brain Mapping Course
- 2015: "EBM Statistics from Basic to Meta-Analysis" Workshop National & Gulf Center for Evidence-Based Health Practice, Riyadh, Saud Arabia
- 2014: Scientific Workshop: Functional Neurosurgery, Pain Treatment, Neurodiagnostics, IONM. Inomed, Istanbul, Turkey
- 2013: Fellow, American Society of Neurophysiological Monitoring (FASNMM)
- 2013: Qualitative Research: Design and Analysis" Workshop, Riyadh, Saudi Arabia
- 2012: Certification of International Conference on Harmonization's Good Clinical Practice for Conducting Research 2009: Public Health Administration courses
- 2003: Diplomate, American Board of Neurophysiological Monitoring (D.ABNM) 2000: Certification in Intraoperative Neurophysiological Monitoring (CNIM)
- 1996-98: Case Western Reserve University (Graduate Studies in Biomedical Engineering) 1991: Khyber Medical College-KMC, MBBS (MD), Peshawar, Pakistan

Professional Affiliations:

2002-Present: American Society of Neurophysiological Monitoring-ASNM
2008-Present: Southern Society of Electroneurodiagnostic Technologists-SSET
2009-Present: Neurodiagnostic Society – ASET
2012-Present: International Society for Intraoperative Neurophysiology –ISIN
2014-Present: International Society of Intraoperative Neurophysiology
2015-Present: Assistant Editor – The Neurodiagnostic Society (ASET) Journal
2020-American Association of Neurological Surgeons (AANS)
2021-American Clinical Neurophysiology Society (ACNS)

Publications, Awards & Appointments:

Publications (Papers):

- **Mapping of the Language Cortex**
 - Jahangiri FR, Chima GS, Pearson M, Jackson J, Siddiqui AA.. Cureus. **2021** May 11;13(5):e14960. doi: 10.7759/cureus.14960.
- **Distal Stimulation Site at the Medial Tibia for Saphenous Nerve Somatosensory Evoked Potentials (DSn-SSEPs) in Lateral Lumbar Spine Procedures.**
 - Overzet K, Mora D, Faust E, Krisko L, Welch D, Jahangiri FR. Neurodiagn J. **2021** Jun;61(2):72-85. doi: 10.1080/21646821.2021.1903277. Epub 2021 May 5.
- **Mapping of the Somatosensory Cortex: Book Chapter**
 - Jahangiri FR, Pautler K, Watters K, Anjum SS, Bennett GL. In: Mapping of the Brain, editor. Faisal R. Jahangiri. Global Innervation LLC, USA. **2021**.
- **Mapping of the Motor Cortex: Book Chapter**
 - Jahangiri FR, Dobariya A, Kruse A, Kalyta O, Moorman JD. Mapping of the Motor Cortex. In: Mapping of the Brain, editor. Faisal R. Jahangiri. Global Innervation LLC, USA. **2021**.
- **Mapping of the Language Cortex: Book Chapter**
 - Jahangiri FR, Gurtegh C, Pearson M, Jackson J, Ali A. Mapping of the Language Cortex. In: Mapping of the Brain, editor. Faisal R. Jahangiri. Global Innervation LLC, USA. **2021**.
- **Mapping of the Motor Cortex: Book Chapter**
 - Jahangiri FR, Dobariya A, Kruse A, Kalyta O, Moorman JD. Mapping of the Motor Cortex. In: Shola Elijah Adeniji, editor. Prime Archives in Medicine: 2nd Edition. Hyderabad, India: Vide Leaf. **2021**.
- **Intraoperative Neurophysiological Monitoring for Brainstem Tumor Surgeries**
 - Faisal R Jahangiri, Katharine Pautler, Elizabeth Ekvall, Meredith Tucker, Angela Goodlin, and Afia Islam. Neurology 12.11 (**2020**): 80-87.
- **Mapping of the Motor Cortex**
 - Jahangiri FR, Dobariya A, Kruse A, Kalyta O, Moorman JD. (September 25, **2020**) Mapping of the Motor Cortex. Cureus 12(9): e10645. doi:10.7759/cureus.10645.
- **Intraoperative Neurophysiological Monitoring During Trigeminal Schwannoma Surgery**
 - Jahangiri FR, Azam A, Asdi RA, Ahmad I, Basha SI. (Sep. **2020**). Cureus (in Print): e. doi:10.7759/cureus.
- **Multimodality Intraoperative Neurophysiological Monitoring (IONM) During Shoulder Surgeries**
 - Jahangiri FR, Blaylock J, Qadir N, Ramsey JA. Neurodiagn J. **2020** Apr 16:1-17. doi: 10.1080/21646821.2020.1743952.
- **Mapping of the Somatosensory Cortex**
 - Jahangiri FR, Pautler K, Watters K, Anjum SS, Bennett GL. (March 19, **2020**). Cureus 12(3): e7332. doi:10.7759/cureus.7332
- **Bulbocavernosus Reflex Monitoring During Intramedullary Conus Tumor Surgery.**

- Overzet K, **Jahangiri FR**, Funk R. *Cureus*. 2020 Mar 10;12(3):e7233.
- **Protecting the Visual Pathways During Optic Nerve Surgery Using Intraoperative Visual Evoked Potentials (VEP)**
 - **Jahangiri FR**, Ilyas S, Asdi R, Escobedo E, Seals E. *Acta Scientific Clinical Case Reports* 1.2 (2020): 01-06.
- **Waveform Window #46: Radial Nerve SSEP (Rn-SSEP): Is it Reliable?**
 - **Jahangiri FR**, Qadir N, Blaylock J, Cronic-Solano L, Ramsey J. *Neurodiagn J*. 2019;59(4):232-235. doi: 10.1080/21646821.2019.1680085.
- **Intraoperative Triggered Electromyography Recordings from the External Urethral Sphincter Muscles During Spine Surgeries**
 - **Faisal R Jahangiri**, Rabehah A. Asdi, Izabela Tarasiewicz, Moutasem Azzubi, Muacevic A, Adler JR, eds. *Cureus* 11(6): e4867. doi:10.7759/cureus.4867.
- **Utilizing Longer Intramuscular Needle Pair Electrodes: What Are We Missing in Our Intraoperative Muscle Recordings?**
 - **Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN**M, Courtney Trausch, BS. *EC Neurology* 11.4 (2019): 288-294.
- **Motor Evoked Potentials Recordings from Urethral Sphincter Muscles (USMEP) During Spine Surgeries**
 - **Jahangiri FR**, Silverstein JW, Trausch C, Al Eissa S, George ZM, DeWal H, Tarasiewicz I. *Neurodiagn J*. 2019;59(1):34-44. doi: 10.1080/21646821.2019.1572375.
- **The incidence of Positioning-Related Intraoperative Neurophysiological Monitoring (IONM) Changes: A Review of 5894 Surgeries"**
 - Kathryn Overzet, Chen Wang, and **Faisal Riaz Jahangiri**. *EC Neurology* 11.1 (2019).
- **Practice guidelines for the supervising professional: Intraoperative Neurophysiological Monitoring**
 - Gertsch JH, Moreira JJ, Lee GR, Hastings JD, Ritzl E, Eccher MA, Cohen BA, Shils JL, McCaffrey MT, Balzer GK, Balzer JR, Boucharel W, Guo L, Hanson LL, Hemmer LB, Jahangiri FR, Mendez Vigil JA, Vogel RW, Wierzbowski LR, Wilent WB, Zuccaro JS, Yingling CD; membership of the ASN. *J Clin Monit Comput*. 2018 Oct 30. doi: 10.1007/s10877-018-0201-9.
- **Waveform Window #42: Sudden Unexpected Change of Latency during Median Nerve Phase Reversal**
- **Jahangiri FR**, Overzet K, Crosier T, Tarasiewicz I. *Neurodiagn J*. 2018;58(3):182-188. doi: 10.1080/21646821.2018.1499305.
- **Multimodality Intraoperative Neurophysiological Monitoring (IONM) in Anterior Hip Arthroscopic Repair Surgeries**
 - Overzet K, Kazewych M, **Jahangiri FR**. *Cureus*. 2018 Sep 22;10(9):e3346. doi: 10.7759/cureus.3346.
- **Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient With Spinal Dysmorphism, Split Cord and Scoliosis**
 - **Jahangiri FR**, Sayegh SA, Azzubi M, Alrajhi AM, Annaim MM, Al Sharif SA, Aziz T, Al Eissa S. *Neurodiagn J*. 2017;57(4):295-307. doi: 10.1080/21646821.2017.1396780.
- **Vertebral Column Resection for Kyphoscoliosis in a Patient with Ehlers-Danlos Syndrome: An Intraoperative Neurophysiological Monitoring Alert**
 - **Jahangiri FR**, Al Eissa S, Sayegh S, Al Helal F, Al-Sharif SA, Annaim MM, Muhammad S, Aziz T. *Cureus*. 2016 Aug 31;8(8):e759.
 - **Computer-Assisted Navigation During Anterior-Posterior En Bloc Resection of Sacral Tumor**
 - Al Eissa S, Al-Habib AF, **Jahangiri FR**. *Cureus*. 2015 Nov 4;7(11):e373. doi: 10.7759/cureus.373.
- **Intraoperative Neurophysiological Monitoring (IONM) For Cordotomy Procedures**
 - Jahangiri FR. 2015 Sep;55(3):169-79.
- **Neurophysiologic Monitoring of the Cervical Spine. Chapter 11**
 - Jahangiri FR. Chapter 11: Neurophysiologic Monitoring of the Cervical Spine. In: **Textbook of the Cervical Spine**. Editors: Drs. Francis H. Shen's, Dino Samartzis' and Richard G. Fessler, First Edition, Elsevier Press, Philadelphia, PA, Nov 2014.
- **Early detection of pedicle screw related spinal cord injury by continuous intraoperative neurophysiological monitoring (IONM)**
 - **Jahangiri FR**, Sheryar M, Al Behairy Y. *Neurodiagn J*. 2014 Dec;54(4):323-37.

- **Fulminant Acute Disseminated Encephalomyelitis**
 - Hassan A. Alayafi, **Faisal R. Jahangiri**, Mukki Almuntashri. Pak J Med Res. Vol. 53, No. 3, July-Sep. **2014**.
- **Neurophysiological Monitoring of the Spinal Sensory and Motor Pathways during Embolization of Spinal Arterio-Venous Malformation: Propofol a Safe Alternate**
 - **Jahangiri FR**, Sheryar M, Al Okaili R. Neurodiagn J. **2014** Jun;54(2):125-37.
- **Anterior-Posterior Resection of Sacral Tumor with Computer Navigation System**
 - Jahangiri, AF, **Jahangiri, FR**. Bioengineering Conference (NEBEC), 2014 40th Annual Northeast. 2014, 1-2. Accessed: October 20, **2015**. 10.1109/NEBEC.2014.6972822.
- **Intraoperative Neurophysiological Monitoring during Sacrectomy Procedures**
 - **Jahangiri FR**, Al Eissa S, Jahangiri AF, Al-Habib A. Neurodiagn J. 2013 Dec;53(4):312-22.
- **Multimodality Neurophysiological Monitoring during Tibial/Fibular Osteotomies for Preventing Peripheral Nerve Injuries**
 - **Jahangiri FR**. Neurodiagn J. 2013 Jun;53(2):153-68.
- **Preventing lower cranial nerve injuries during fourth ventricle tumor resection by utilizing intraoperative neurophysiological monitoring**
 - **Faisal R. Jahangiri, MD, CNIM, D.ABNM**, Mazhar Minhas, MD, CNIM, John Jane Jr, MD. The Neurodiagnostic Journal. Dec 2012, 52(4), Pages. ASET, Missouri, USA.
- **Intra Operative Neurophysiological Monitoring (IONM): "Lessons Learned from 32 Case Events in 2069 Spine Cases"**
 - Eager M, Shimer A, **Jahangiri FR**, Shen F, Arlet V. Am J Electroneurodiagnostic Technol. **2011** Dec;51(4):247-63.
- **Limiting the current density during Localization of the Primary Motor Cortex by using a Tangential-Radial Cortical SSEP Model, DECS, and Electrocorticography**
 - **Jahangiri FR**, Sherman JH, Sheehan J, Shaffrey M, Dumont AS, Vengrow M, Vega-Bermudez F. Neurosurgery. **2011** Oct;69(4):893-8. doi: 10.1227/NEU.0b013e3182230ac3.
- **Preventing Position-Related Brachial Plexus Injury with Intraoperative Somatosensory Evoked Potentials (SSEP) and Trans-Cranial Electrical Motor Evoked Potentials (TCeMEP) during Anterior Cervical Spine Surgery**
 - **Jahangiri FR**, Holmberg A, Vega-Bermudez F, Arlet V. Am J Electroneurodiagnostic Technol. **2011** Sep;51(3):198-205.
- **Protecting the Genitofemoral Nerve during Direct Lateral Interbody Fusion (DLIF/XLIF) Procedures**
 - **Jahangiri FR**, Sherman JH, Holmberg A, Louis R, Elias J, Vega-Bermudez F. Am J Electroneurodiagnostic Technol. 2010 Dec;50(4):321-35.
- **Intraoperative Neuromonitoring: Lessons learned from 32 case events in 2095 spine cases**
 - Eager M, **Jahangiri F**, Shimer A, Shen F, Arlet V. Evid Based Spine Care J. 2010 Aug;1(2):58-61. doi: 10.1055/s-0028-1100917.
- **Predicting surgical outcome by Somatosensory Evoked Potentials and Trans-Cranial Electric Motor Evoked Potentials in a Cervical-Medullary Junction Hemangioblastoma**
 - **Faisal R. Jahangiri**, James J. Persyn, R. Webster Crowley, Neal F. Kassell & Francisco Vega-Bermudez (2010). Journal of Electroneurodiagnostic Technology, 50:2, 101-110, DOI: 10.1080/1086508X.2010.11079761.

Awards

- May 2021: The Outstanding Publication in a Peer-Reviewed Journal Award. American Society of Neurophysiological Monitoring (ASNM). Virtual, ASNM Annual Meeting.
- Sep 2020: The Outstanding Committee Member Award. American Society of Neurophysiological Monitoring (ASNM). Virtual, ASNM Annual Meeting.
- Nov 2020: Course Director, Saudi Spine Society 4th Annual Meeting, Pre-Conference IONM Workshop. Virtual, Riyadh, Saudi Arabia.
- Aug 2019: FASET. Fellowship, ASET- *American Neurodiagnostic Society*. ASET, Kansas City, MO, USA
- Feb 2018: 2nd Place Scientific Achievement Award Orlando, FL, USA
Lead Author - Research Poster, ASNM Annual Meeting "Motor Evoked Potentials (MEP) Recordings from Urethral Electrodes"
- April 2017: 3rd Prize, Riyadh, Saudi Arabia. Oral Presentation, the Health Profession Conference. "Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient with Spinal Dysmorphism, Split Cord and Scoliosis."
- Mar 2016: PPQP, Islamabad, Pakistan. Invited by the Government of Pakistan to introduce Intra Operative Neurophysiological Monitoring (IONM) in various cities in Pakistan. Invited Under: Presidents Programme for the Care Of Highly Qualified Overseas Pakistanis (PPQP), Ministry of Federal Education and Professional Training, Islamabad, Pakistan.
- Mar 2016: Chairman (Shield of Honor), Rawalpindi, Pakistan Second, International Hands-on IONM Workshop for Spine Surgeons.
- May 2015: Scientific Achievement Award, Chicago, IL, USA. Lead Author - Research Poster, ASNM Annual Meeting, "Utilizing Longer Intramuscular Needle Pair Electrodes: What are we really missing?"
- Mar 2015: IONM Co-Course Director (Shield of Honor), Rawalpindi, Pakistan. First, International IONM Workshop for Spine Surgeons.
- May 2013: FASNMM, ASNM, Chicago, IL, USA.
Fellowship, American Society of Neurophysiological Monitoring
- Dec 2012: First Prize: NGHA, Riyadh, Saudi Arabia
Oral Presentation, 15th Annual Resident's Day, King Saud Bin Abdulaziz University for Health Sciences, "Establishment of Normal Visual Evoked Potentials (VEPs) Values in Adult Saudi Males."
- Nov 2008: First Prize: Islamabad, Pakistan
Platform Presentation, 2nd National Neurology Day. Shifa International Hospital & School of Medicine,
"Intra Operative Neurophysiological Monitoring: Luxury or Necessity?"
- Jun-Jul 2008: Islamabad, Pakistan
The government of Pakistan invited me to introduce Intra Operative Neurophysiological Monitoring (IONM) in various cities in Pakistan. Under the program: National Talent Pool "Visits of Expatriate Pakistani Consultants for Short Duration Assignments in Pakistan (VEPCON)."
- Sep 2003: Achievement Award of Excellence, Cockeysville, MD, USA
Sentient Medical Systems.

- Sep 1990: Chief Organizer, Gold Medal, Peshawar, Pakistan
By Governor of NWFP: Fund Raising drive for "Peshawar Mental Health Association."
- April 1988: Volunteer of the year Award, Peshawar, Pakistan
By Chief Minister of NWFP. Fatimid Foundation: Hemophilia / Thalassemia Blood Services.

Appointments:

Current:

- 2021-Present: Past-President, Member Executive Committee, ASNM.
- 2021-Present: Chairperson, ASNM Membership Committee.
- 2019-Present: Faculty, Dept. of Neuroscience, School of Behavioral and Brain Sciences, The University of Texas at Dallas, Richardson, TX.
- 2018- Present: Vice President of Clinical Affairs, Axis Neuromonitoring LLC, Dallas, TX.
- 2017-Present: Member, ASNM Guidelines & Standard of Care Committee.
- 2016-Present: Adjunct Professor, Labouré College of Healthcare, Milton, MA USA.
- 2015-Present: Assistant Editor, The Neurodiagnostic Journal (Official Journal of ASET).
- 2014 – Present: Member, ASNM Guidelines & Standard of Care Committee,
- 2013-Present: Reviewer: JCNP (Journal of Clinical Neurophysiology), USA.
- 2012-Present: Reviewer: ESJ (European Spine Journal), Switzerland.
- 2011-Present: President & CEO, Global Innervation LLC, Dallas, TX.
- 2011-Present: Reviewer: The Neurodiagnostic Journal (Official Journal of ASET).
- 2008-Present: Member, ASNM Membership committee.
- 2008-Present: Member, ASNM Research Committee.

Past:

- 2021: Conference Chair, ASNM Virtual Annual Meeting.
- 2021: Course Director, Axis Neuromonitoring Annual Virtual IONM Workshop and Symposium.
- 2020: Course Director, IONM Pre-Conference Workshop, Saudi Association of Neurological Surgery (SANS), Virtual, Saudi Arabia.
- 2020-21: President, Member Executive Committee, ASNM.
- 2020: Course director, IONM Hands-on Workshop for Spine Surgeons, 4th Saudi Spine Society Annual Conference, Riyadh, Saudi Arabia.
- 2020: Course Director, Axis Neuromonitoring Annual IONM Workshop and Symposium, Richardson, TX.
- 2019-20: President-Elect, Member Executive Committee, ASNM.
- 2019: Conference Chair, ASNM Fall Symposium, Boston, MA.
- 2019: Course Director, Axis Neuromonitoring Annual IONM Workshop and Symposium, Richardson, TX.
- 2018: Conference Chair, ASNM Annual Meeting, Orlando, FL.

- 2017: Senior Consultant: Dept. of Neurosurgery, Neuroscience Institute, Hamad Medical Corporation, Doha, Qatar.
- 2018: Course director, IONM Hands-on Workshop for Spine Surgeons, 2nd Saudi Spine Society Annual Conference, Riyadh, Saudi Arabia.
- 2018: Course director, IONM Hands-on Workshop for Spine Surgeons, 1st Saudi Spine Society Annual Conference, Riyadh, Saudi Arabia.
- 2016: Course Director, Second International IONM Workshop, Hands-on Workshop for Spine Surgeons. Basic Intraoperative Neurophysiological Monitoring (IONM). *Rawalpindi, Pakistan.*
- 2016: Course Director, Intraoperative Neurophysiological Monitoring (IONM) for Neurosurgeries. 10th Saudi Association of Neurological Surgery (SANS) Annual Meeting, Riyadh, Saudi Arabia.
- 2015: Course director IONM, SSET & TxSET Annual meeting, Dallas, TX.
- 2015: Course director IONM, First, International IONM Workshop for Spine Surgeons (Rawalpindi, Pakistan).
- 2015: Visiting Consultant Neurophysiologist (Invited by the Govt. of Pakistan).
- 2015: Course Director: IONM Workshop. Neurophysiological Monitoring in Spine Surgeries 9th APCSS and 1st ASA Conjoint Meeting Asia Pacific Cervical Spine Society (APCSS) & 1st Arab Spine Academy (ASA) Meeting, Dubai, UAE.
- 2014: Course director IONM, Pre-Conference IONM Workshop – Spine Update
- 2014 Annual Meeting (Riyadh, Saudi Arabia).
- 2008: Visiting Consultant Neurophysiologist (Invited by the Govt. of Pakistan).
- 2013: Course director IONM, SANS 9th Annual Meeting, Pre-Conference IONM Workshop – Horizons of Neurosurgery VII, (Dammam, Saudi Arabia).
- 2011-15: Board of Trustee, Southern Society of Electroneurodiagnostic Society, SSET.
- 2011-17: Consultant Clinical Neurophysiology, Division of Neurology, Department of Medicine, King Abdulaziz Medical City, Ministry of National Guard Health Affairs, Riyadh, Saudi Arabia.
- 2008-2016: Member, ASNEM Education Committee.

1. How do you feel you can contribute to the leadership of ASNEM? What strengths/passions/talents do you hold that would benefit ASNEM?

- I am the immediate Past-President and was President of ASNEM during one of our most challenging years due to COVID-19. Even though we could not meet in person due to the pandemic, it was one of the most successful years for ASNEM educationally and financially. I credit our success to the ASNEM board of directors, specifically education, research, webinar and membership committees, conference chairs, members, and sponsors.
- I am very passionate about the future of ASNEM and IONM. We understand the benefit of IONM in various surgeries for the patients. On multiple occasions, most of us have seen how a quick decision based on intraoperative neuromonitoring data can change the patient's life.

- I am in the medical field for more than 30 years now. My background in surgery, biomedical engineering, education, and research has helped me succeed in neuromonitoring. I am a quick learner, a flexible and good listener, and have empathy for others. I have the strength to reach out to all types of people and to bring them together.
- After performing and supervising thousands of cases over the past two decades, I still consider myself a student of IONM and believe there is much more out there to learn. During my career in IONM, I have worked as a technologist, neurophysiologist, supervisor, trainer /educator, director, and reading physician. In addition, I have personally convinced dozens of people to join the IONM field and have trained more than 400 technologists/neurophysiologists in the USA and internationally.
- I was elected as a board member at large in 2015 and joined the ASNMM board in 2016 for a four-year term. I have a strong passion for the IONM field, and my talents and strengths mentioned above make me a stronger and versatile candidate for a leadership position in ASNMM.
- I have been an active member of ASNMM since 2002. I volunteered initially for a few committees (membership, education, research, guidelines, monitor, applied philanthropic, etc.) to learn about ASNMM and contribute to society. In 2013, I was elected as a chairman of the Membership Committee. As a chair for the Membership Committee, my responsibilities included increasing/retaining members, various award nominations, restructuring the committee, creating a fellowship subcommittee, etc. In addition, with the help of members, we created rubrics to standardize fellowship and board nominations.
- I am also a very active volunteer in other ASNMM committees, including education, research, guideline committees. I have a great passion for education and research and have presented continuously over the past decade at ASNMM meetings. I am always willing to help in any capacity and can lead others to accomplish their goals. I was also conference chair for the 2018 ASNMM Annual Meeting and, with my co-chair, created a new program with multidisciplinary focus sessions, including case presentations and panel discussions.
- I believe my previous experience in successful leadership roles makes me a strong candidate. In addition, my background education, training, teaching, and research are my strengths, and my passion for IONM can help me contribute to ASNMM.

2. With changes in health care service delivery and reimbursement, what and how do you feel you can contribute to keeping ASNMM moving forward in the right direction?

- Over the past few years, healthcare service delivery and reimbursement have undergone a significant change. We, as a society and as professionals, have to fight for a fair share of reimbursement. At the same time, we have to make sure we keep the quality of our services higher and give our best for patient safety. I feel that we can move ASNMM and our field forward by:
 - Publishing IONM-related outcome studies to show the benefits of IONM to everyone.

- Multicenter/multi-organization outcome publications
 - Increasing our membership.
 - Joining forces with other related organizations.
 - Educating the insurance companies about the benefits of IONM.
 - Increasing advocacy efforts to lobby for ASNM and IONM related issues.
- I am actively involved with some of the IONM courses provided by various institutes. In addition, I am actively engaged with other IONM, spine, neurosurgery, and neurological organizations. If we work together, publish data and increase our membership, we can move in the right direction. ASNM needs leadership with passion and energy to reach out to other groups and bring them together.
3. ASNM constantly seeks ideas of how to better serve our membership through education, resources, representation to other professional entities, connections and networking or other means of advancement. What do you think ASNM could offer its members that would provide value?
- Over the past many years, first as a member and later as the membership committee chair, and recently as society President, I have been continuously in touch with ASNM members. I have tried to get their direct inputs and answer their concerns.
 - The two most important things that ASNM members like to see are education and better resources. I have a strong passion for teaching, research, and better communication.
 - I have published two IONM related books and a flash-card questions/answers set for IONM as an educational resource for the people in the field. In addition, ASNM is offering a series of CUE/CME-approved webinars free to its members every year, and it's a big successful step for ASNM for its membership.
 - I have been chair of multiple ASNM meetings, including the recent 2018 and 2021 annual meetings. As a result, ASNM is offering high-quality IONM education and up-to-date research with excellent audience participation now.

4. How do you see the role of the ASNM in advocating for the profession of intra-operative neuromonitoring?

ASNM has the best sources of IONM expertise. As a result, ASNM can provide state-of-the-art educational programs and evidence-based research to its members and the general public. As a result, ASNM can be the best source for anyone who would like to learn about IONM as a career, service, education, research, etc. ASNM can also provide educational programs for surgeons and anesthesiologists. General public awareness is a key component where ASNM can take the lead in promoting IONM.

5. Describe your academic or professional contributions to the field of intra-operative neuromonitoring (this can include publications, reviews, research contributions, creating

or advancing professionalism in a service that is dedicated to intra-operative neuromonitoring, education, outreach, presentations, running or organizing meetings (in-house, local, national, international), societal contributions ...)

- I have been involved in academics since I graduated from medical school in 1991. Initially, from 199-98, I taught anatomy in the schools of medicine and dentistry in Cleveland, Ohio. I am teaching IONM courses at Laboure College of Healthcare since 2016 and the University of Texas at Dallas since 2019.
- I have multiple research publications and have been invited as a guest speaker at various national and international conferences. I am actively involved with ASNM, ASET, SSET, APPNA MERIT (Association of Physicians of Pakistani Descent of North America - Medical Education & Research International Training & Transfer of Technology) program. I am a reviewer for American neurophysiological journals and a European spine journal. I have recently completed a Mini-Fellowship in Movement Disorders from the department of neurological sciences, University of Nebraska.
- I am also actively involved in philanthropic efforts for IONM in underdeveloped countries. International governments invited me to visit multiple public and private medical centers and introduce IONM. I have been a course director for various US and international IONM meetings and workshops. I have published more than 36 peer-reviewed research papers, multiple book chapters, 60 plus conference abstracts. I have also published two IONM books, *Surgical Neurophysiology; A Reference Guide to IONM*, 2nd Edition (2012) and *Mapping of the Brain* (2021).
- I have reached out to various international and US organizations for promoting IONM. In addition, I am regularly course director for conferences for neurosurgeons, orthopedic surgeons, neurologists, related physicians, and technologists. Recently, I started an online six-month diploma program for technologists and neurophysiologists and a postdoctoral fellowship for remote physicians. People from all continents are attending the programs.

6. Personal Statement: Please provide any additional information to the members.

- I have a vision for the future of ASNM that can be achieved by leading everyone as a team, providing better education and research opportunities, and improving communication and inter-society collaboration. I served ASNM as a board member from 2016-20, Presiden-Elect 2019-20, President 2020-21, and now as immediate Past-President.
- With my training in surgery and radiology and graduate studies in Biomedical Engineering, my primary focus always remained patient care. I received my CNIM in 2000, and in 2003, I became board certified/Diplomate in Neurophysiologic

Monitoring (D.ABNM). In 2013, I was awarded a fellowship (FASNMM) by ASNMM and by ASET in 2019 due to my continuous service to both societies and IONM. In 2013, the membership committee nominated and elected me as chairman of the ASNMM membership committee. I am currently serving again as chairman of the membership committee. I have been invited as a guest speaker at various national and international conferences and have chaired multiple IONM workshops. I have worked as an IONM technologist and neurophysiologist in my career and have provided physician oversight and a wide range of surgical procedures. It has given me an insight knowledge about everyone's perspective in our field.

- If elected, I will be honored to serve you and ASNMM and offer my firm commitment to society by utilizing my education, research, and leadership expertise.

2022 Nominees Conflict of Interest Disclosure categories

- Disclosures
 - **Scientific advisory board:** N/A
 - **Scientific research:** N/A
 - **Speakers bureau:** N/A
 - **Stock holder (only if >5% in the company):** N/A
 - **Stock options:** N/A
 - **Company leadership/board of directors:** VP of Clinical Affairs, Axis Neuromonitoring LLC, President & CEO, Global Innervation LLC.
 - **Product Royalties:** Books Amazon, IOM Flashcards ASET Store
 - **Travel (paid for by other than your employer):** N/A
 - **Society leadership and IONM related boards:** Immediate Past-President ASNMM.
 - **Patents:** N/A
 - **Employed by:** Axis Neuromonitoring LLC