

CURRICULUM VITAE

John Diaz (J.D.) Day, M.D., FAANS



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Award winning neurosurgeon in active clinical practice. Professor with Tenure and Chair - University of Arkansas. Clinical focus on the neurosurgical treatment of tumors, vascular diseases, and trauma of the brain and spine. Educator in neurosurgical operative techniques for complex cranial surgery, lecturing and teaching extensively in North America, Europe, Africa and Asia. Authored and/or edited three textbooks on skull base surgery. Published 50+ peer reviewed articles. Performed more than 5,000 surgical procedures with a case mix of 70% cranial and 30% spine. Experienced reviewer involving standard of care - served on Quality Assurance committees for four hospitals and as a consultant for the Texas Medical Board. USC trained. Former USC faculty. Former visiting professor at Stanford. Expert witness experience at both deposition and trial.

Academic Appointments:

4/1/2010 - present	Professor with Tenure and Chair	University of Arkansas for Medical Sciences, Department of Neurosurgery, Little Rock, AR
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2010-2015	Residency Program Director	University of Arkansas for Medical Sciences, Department of Neurosurgery, Little Rock, AR
06/2008 – 3/31/2010	Associate Residency Program Director	University of Texas Health Science Center San Antonio, Department of Neurosurgery, San Antonio, TX
06/2008 – 3/31/2010	Vice Chairman for Academic Affairs	University of Texas Health Science Center San Antonio, Department of Neurosurgery, San Antonio, TX
07/2007 – 3/31/2010	Associate Professor	University of Texas Health Science Center San Antonio, Department of Neurosurgery, San Antonio, TX
04/2002 - 12/2004	Assistant Professor	Drexel University, College of Medicine, Department of Neurosurgery
03/1999 - 12/2001	Clinical Assistant Professor	University of Southern California, School of Medicine, Department of Neurological Surgery, CA
07/1995 - 06/1996	Clinical Instructor	University of Southern California, School of Medicine, Department of Neurological Surgery, CA

Non-Academic Appointments:

03/2015 – present	Director, Neurosciences Service Line	Integrated Clinical Enterprise, University of Arkansas for Medical Sciences, Little Rock, AR
04/2010 - present	Staff Physician	Arkansas Children's Hospital, Little Rock, AR
06/2008 – 3/31/2010	Medical Director Neurosurgical Outpatient Clinic	UTHSCSA Neurosurgery, St. Luke's Baptist Hospital, San Antonio, TX
10/2007 – 3/31/2010	Staff Physician	St. Luke's Baptist Hospital, San Antonio, TX
02/2004 - 06/2007	Staff Physician	Swedish Medical Center, Colorado Neurological Institute, Englewood, CO
02/2004 - 06/2007	Staff Physician	Porter Adventist Hospital, Denver, CO
12/2001 - 01/2004	Director, Center for Cerebrovascular Surgery and Stroke	Allegheny General Hospital, Pittsburgh, PA

03/1999 - 11/2001	Director Neurological Surgery, House Ear Clinic	St. Vincent Medical Center, Los Angeles, CA
03/1999 - 11/2001	Staff Physician	Hospital of the Good Samaritan, Los Angeles, CA
03/1999 - 11/2001	Staff Physician	Cedars-Sinai Medical Center, Los Angeles, CA
03/1999 - 11/2001	Staff Physician	Children's Hospital Los Angeles, Los Angeles, CA
03/1999 - 11/2001	Staff Physician	Kaiser Hospital (Sunset), Los Angeles, CA
03/1999 - 11/2001	Staff Physician	Huntington Memorial Hospital, Pasadena, CA
03/1999 - 11/2001	Staff Physician	LAC/USC Medical Center, Los Angeles, CA
03/1999 - 11/2001	Staff Physician	USC University Hospital, Los Angeles, CA
06/1997 - 02/1999	Staff Physician	Lahey Clinic, Burlington, MA
07/1996 - 06/1997	Staff Physician	Allegheny General Hospital, Pittsburgh, PA

Education:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution</u>
June 1989	M.D.	Medicine	University of Washington, Seattle
August 1985	B.A.	Chemistry	Whitman College, Walla Walla, WA

Medical Training:

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
06/1989-06/1990	General Surgery	LAC/USC Medical Center, Los Angeles, CA
07/1990-06/1994	Neurological Surgery (PGY II-V)	University of Southern California, LAC/USC Medical Center, Los Angeles, CA
07/1994-04/1995	Research Fellowship in Cranial Base Surgery and Anatomy (PGY VI)	University of Vienna Medical School, Neurochirurgische Universitätsklinik, Vienna, Austria
06/1995-07/1996	Neurosurgery (PGY VII)	University of Southern California, LAC/USC Medical Center, Los Angeles, CA

Certification and Licensure:

Board Certification

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Board Certification in Neurological Surgery - American Board of Neurological Surgery	Certified	11/1999	99105	11/2029

License to Practice

<u>Description/Agency</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Medicine – Arkansas Medical Board	6/4/2010	E-6494	12/2022
Medicine (Inactive) - Texas Medical Board	11/2007	M7937	08/2011
Physician Permit (Inactive) - Colorado State Board of Medical Examiners	01/2004	42250	05/2011
Physician Permit (Inactive) - Commonwealth of Massachusetts Board of Registration in Medicine	01/1997	154416	12/1999
Physician Permit (Inactive) - Ohio State Medical Board	09/1996	70954	09/1998
Physician Permit (Inactive) - Commonwealth of Pennsylvania Department of State, Bureau of Professional and Occupational Affairs	02/1996	MD-058344- L	12/2004
Physician Permit (Inactive) - Medical Board of California	04/1991	G71201	12/2010

Current Professional Society Memberships:

American Association of Neurological Surgeons

Congress of Neurological Surgeons

North American Skull Base Society

Tumor Section, AANS/Congress of Neurological Surgeons

Cerebrovascular Section, AANS/Congress of Neurological Surgeons

Southern Neurosurgical Society

Neurosurgical Society of America

Honors and Awards:

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| 2012-2021 | Best Doctors in America: As voted by peers and awarded by the Best Doctors in America, Best Doctors, Inc. |
| 2013, 2014 | Red Sash Award. UAMS College of Medicine: Selected by the Senior Class for individual faculty members having the most significant input into their medical education. |
| 2011-2020 | Best Doctors in Arkansas: AY Magazine. |
| 2012 | Best Doctors in Arkansas: Arkansas Times. |
| 2010 | Best Doctors of San Antonio: Voted by peers and published by "San Antonio" Magazine |
| 04/1995 | Mahaley Award for Clinical Research: Annual Meeting of the American Association of Neurological Surgeons, April 1995. |
| 11/1992 | Third Prize Winner, Tumor Section, Poster Session: Annual Meeting of the Congress of Neurological Surgeons, October 31-November 5, 1992, Washington, D.C. (Day JD, Fukushima T, Giannotta SL; 'The Rhomboid Approach to the Petroclival and Posterior Cavernous Sinus Region: Definition, Morphometric Analysis, and Application to Surgical Strategy') |

Visiting Professorships:

12/2015	University of Southern California, Dept. of Neurosurgery, Keck School of Medicine, Los Angeles, CA
09/2008	University of Southern California, Dept. of Neurosurgery, Keck School of Medicine, Los Angeles, CA
09/2000	Oregon Health and Sciences University, Department of Neurosurgery, Portland, OR
02/2000	Stanford University, Department of Neurosurgery, Palo Alto, CA
09/1998	6 th Annual Ehni Lecturer, Houston Neurological Society, Houston, TX

Foreign Society/University Invitations:

02/2017	The International Society of Minimally Invasive Neurosurgery (ISMINS). Tokyo, Japan (Invited International Faculty).
10/2016	Medical University of Vienna, AO Neuro Skull Base Course (Invited International Faculty).
09/2014	2 nd International Congress on Minimally Invasive Techniques in Neurosurgery. Xi'an, China (Invited Speaker).
10/2014	2014 International Summit Forum on Neuro-Oncology, Guangzhou, China (Invited International Faculty).
10/2013	AO Neuro Australasian International Course on Skull Base Surgery, Bangkok, Thailand (Invited International Faculty).
10/2012	Chinese Neurosurgical Society, Annual Meeting, Hangzhou, China (Invited International Faculty).
09/2011	4 th International Interdisciplinary International Course on Skull Base Surgery "Lateral Skull Base", Vienna, Austria (Invited International Faculty).
09/2009	2nd International Interdisciplinary AO Course on Skull Base Surgery Approaches to the Lateral Base, Medical University of Vienna, Vienna, AU (Invited Speaker).
10/2008	Jiangsu Congress of Neurosurgery, Nantong City, China (Invited Speaker).

11/2006	2nd International Congress "Selected Topics in Neurosurgery", Leon, MX (Invited Speaker).
07/2003	Annual Meeting of the Mexican Neurosurgical Society, Monterrey, MX (Invited Speaker).
08/1999	1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).
10/1998	The Japan Neurosurgical Society 57th Annual Meeting, Sapporo, JA (Invited Speaker).
03/1997	18th Annual Meeting, Egyptian Society of Neurological Surgeons, Cairo, EG (Invited Speaker).
09/1994	Biannual Meeting, South African Neurosurgical Society, Cape Town, South Africa, Skull Base Surgery Course (Invited Faculty).

Research and Scholarly Activity:

Clinical and Research Focus:

Brain and Spinal Tumors - Surgical treatment of brain and spinal tumors, in particular complex tumors of the cranial base. Anatomical and technical studies of surgical anatomy, approach, and techniques.

Cerebrovascular Surgery - Special expertise in complex cerebrovascular techniques including skull base approaches to complex aneurysms, revascularization procedures, and surgical management of vascular malformations. Critical care management of patients with cerebrovascular injuries, including stroke.

Skull Base Surgery - Fellowship training in advanced skull base surgery techniques. Study of the anatomy, surgical techniques, and application of new technologies to improve patient outcomes.

Projects:

Clinical Research Projects

- 2016-present ENRICH Trial, Co-Principal Investigator - Early Minimally-Invasive Removal of ICH. This trial is a multi-center trial conducted in the United States at academic institutions with robust numbers of patient suffering from hemorrhagic stroke that are candidates for operative management via a minimally invasive strategy using the Brain Path device for subcortical removal of clot. Clinical and financial data will be collected to determine the benefits of surgical intervention in this patient population. The trial is directed out of Emory University.
- 2016-2019 CAPTIVE Trial, Co-Principal Investigator - A Phase II, Multi-center, Open-label Study of a Conditionally Replicative Adenovirus (DNX-2401) with Pembrolizumab (KEYTRUDA®) for Recurrent Glioblastoma or Gliosarcoma (Captive 2401BT-002P). This study examines the potential efficacy of combination therapy in glioblastoma patients with administration of an engineered adenovirus into the tumor and systemic treatment with Pembrolizumab as a biologic agent that may act synergistically to treat the tumor.
- 2014-2016 Mi-Space Trial, Principal Investigator – Evaluation of Minimally Invasive Subcortical Parafascicular Access for Clot Evacuation. This study is a precursor to the ENRICH trial to determine the efficacy of surgical evacuation of intracerebral hemorrhage with the Brain Path device.
- 07/2009-03/2010 Outside Hospital Transfer Criteria in Intracerebral Hemorrhage, This project is aimed at determining if our current transfer protocol for patients with intracerebral hematomas is appropriate in terms of best patient care. Within the Baptist stroke network in San Antonio patients are kept at their originating hospital if their clot size is less than 30cc and located in the basal ganglia. We are monitoring the outcome of these patients to determine specifically how many of them require a subsequent transfer to St. Luke's Baptist for definitive neurosurgical care due to a deterioration in condition or progression/expansion of the clot. (University of Texas Health Science Center at San Antonio)

Teaching Projects:

- 04/2010-present Resident Operative Evaluation System, continuation of my work in San Antonio applied to the program at UAMS. To better evaluate the operative progress of our residents an evaluation protocol was developed. A comprehensive listing of index surgical cases by year of training was established. Each resident must be able to independently perform each of these cases by the specified year of training as judged by three different faculty. An evaluation form was developed that is filled out by the supervising faculty member and collected for inclusion in the resident portfolio. This system also provided documentation for credentialing for bedside procedures.

- 06/2009-03/2010 Resident Operative Evaluation System, to better evaluate the operative progress of our residents, I developed a unique evaluation protocol. A comprehensive listing of index surgical cases by year of training was established. Each resident must be able to independently perform each of these cases by the specified year of training as judged by three different faculty. An evaluation form was developed that is filled out by the supervising faculty member and collected for inclusion in the resident portfolio. This system also provided documentation for credentialing for bedside procedures. (University of Texas Health Science Center at San Antonio)
- 04/2010-present Cranial Base Microsurgical Advanced Skills Laboratory at UAMS. The teaching laboratory at UAMS is utilized to train residents in skills necessary prior to their performance of procedures in the clinical setting. Resident exercises are held on a quarterly basis for training in advanced cranial and skull base techniques.
- 01/2009-03/2010 Cranial Base Microsurgical Advanced Skills Laboratory, I established a microsurgical advanced skills laboratory in our department at the medical school for resident, fellow, and attending training and rehearsal of procedures on cadaveric material. The laboratory mimics the operating room in terms of equipment available. This lab is available to the residents for training and I am available to assist them with projects and training. (University of Texas Health Science Center at San Antonio)

Funded Projects:

Title: Medtronic NeuroNavigation

Period: 01/2010 - 12/2014

Role: Principal Investigator

Total Costs: \$50,000.00

Grant Detail: Unrestricted educational grant support for cranial base fellowship, \$10,000 per year. Donation of one complete neuronavigation system for the laboratory (value approx. \$250,000).

Title: Anspach cranial base fellowship grant

Period: 08/2009 - 07/2014

Role: Principal Investigator

Total Costs: \$125,000.00

Grant Detail: Unrestricted educational grant for fellowship program support of \$25,000 per year for five years plus equipment support for laboratory.

Title: Synthes, Unrestricted Educational Grant

Period: 06/2009 - 05/2014

Role: Principal Investigator

Total Costs: \$75,000.00

Grant Detail: Unrestricted Educational Grant for Cranial Base Fellowship program support. \$15,000 per year.

Funding Agency: Anspach Inc.

Title: Cerebral Blood Flow in the Management of Subarachnoid Hemorrhage and Vasospasm

Period: 12/2002 - 12/2002

Role: Co-Investigator

Total Costs: \$55,000.00

Grant Detail: Clinical testing of the Bowman Cerebral Blood Flow Monitor in SAH patients.

Funding Agency: Office of International Relations of the University of Vienna

Title: Office of International Relations of the University of Vienna, Research Grant Recipient

Period: 6/1994 - 5/1995

Role: Fellow

Total Costs: \$15,000

Grant Detail: Financial support for living expenses during fellowship.

Funding Agency: Congress of Neurological Surgeons

Title: Congress of Neurological Surgeons, Clinical Research Fellowship Grant

Period: 07/1994

Role: Fellow

Total Costs: \$20,000.00

Grant Detail: Support for travel and living expenses during foreign fellowship.

Funding Agency: University of Washington School of Medicine Medical Student Research Training Program Grant

Title: Dose dependent inhibition of Theophylline metabolism by Disulfiram in recovering alcoholics

Period: 01/1986 - 08/1986

Role: Co-Investigator

Total Costs: \$1,500

Grant Detail: Support to cover expenses of student research. Moneys awarded to the laboratory of Robert Vestal, M.D., Dept. of Internal Medicine, University of Washington.

Teaching:

Practical Course Teaching:

<u>Date</u>	<u>Course</u>	<u>Role</u>
1/2020	MIPS Resident Training Course, University of Southern California, Los Angeles, CA.	Faculty
10/2016	AO Neuro Course – Skull Base. Medical University of Vienna	Faculty
11/2015	Minimally Invasive Parafascicular Technique for Subcortical Surgery. Yaşargil Microsurgical Laboratory, Little Rock, AR.	Course Director
10/2015	AO Neuro course – Skull Base. Medical University of Vienna.	Faculty
7/2015	Subcortical Surgery Group Annual Meeting/Practical Course, Park City, UT.	Faculty
9/2011	4 th AOCMF Interdisciplinary International Course on Skull Base Surgery – “Lateral Skull Base”. Course Faculty.	Faculty
7/2003 - 11/2013 (inclusive)	Approaches to Skull Base for Senior Neurosurgical Residents/Fellows Anspach Inc. Corporate Headquarters Instructional Laboratory, Palm Beach Gardens, FL. <i>Hands-on Cadaver dissection course for senior neurosurgical residents and fellows from all over the U.S. covering complex skull base surgical approaches. This course is offered twice yearly, in November and July. I have been an instructor at this course twice yearly since July 2003.</i>	Faculty and Course Director
2/2003	Practical Workshop, North American Skull Base Society, Memphis, TN.	Faculty
9/2002	Advances in Minimally Invasive Surgery of the Skull Base and Cranial Nerves, Allegheny General Hospital, Pittsburgh, PA.	Faculty
09/2000	Microsurgical Dissection Techniques, Congress of Neurological Surgeons, 50th Anniversary Celebration, Practical Course 13, San Antonio, TX.	Faculty
10/1999	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, 48th Annual Meeting, Practical Course 026, Boston, MA.	Faculty
10/1999	Microsurgical Dissection Techniques, Congress of Neurological Surgeons, 48th Annual Meeting, Practical Course 015, Boston, MA.	Faculty
04/1999	Temporal Bone Anatomy, American Association of Neurological Surgeons, 67th Annual Meeting, Practical Clinic XIII, New Orleans, LA.	Faculty

10/1998	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, 47th Annual Meeting, Practical Course 016, Seattle, WA.	Faculty
10/1998	International Workshop on Advanced Skull Base Surgery, Aesculapium, Tuettlingen, Germany.	Faculty
04/1998	Temporal Bone Anatomy, American Assoc of Neurological Surgeons, 66th Annual Mtg, Practical Clinic XIII, Philadelphia, PA.	Faculty
09/1997	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, 47th Annual Meeting, Practical Course 016, New Orleans, LA.	Faculty
04/1997	Temporal Bone Anatomy, American Assoc of Neurological Surgeons, 65th Annual Meeting, Practical Clinic XIII, Denver, CO.	Faculty
04/1996	Temporal Bone Anatomy, American Assoc of Neurological Surgeons, 64th Annual Meeting, Practical Clinic XIII, Minneapolis, MN.	Faculty
10/1995	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, 45th Annual Meeting, Practical Course 001, San Francisco, CA.	Faculty
04/1995	Temporal Bone Anatomy, American Assoc of Neurological Surgeons, 63rd Annual Meeting, Practical Course XIII, Orlando, FL.	Faculty
10/1994	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, 44th Annual Meeting, Practical Course 001, Chicago, IL.	Faculty
9/1994	Cranial Base Dissection Course, South African Congress of Neurological Surgery, Annual Meeting, Cape Town, South Africa.	Faculty
04/1994	Temporal Bone Anatomy, American Assoc of Neurological Surgeons, 62nd Annual Meeting, Practical Clinic XIII, San Diego, CA.	Faculty
10/1993	Surgical Management of Acoustic Neuroma and Temporal Bone Anatomy, Congress of Neurological Surgeons, Annual Meeting, Practical Course 004, Vancouver, BC.	Faculty

Didactic Course Teaching:

<u>Date</u>	<u>Course/Lecture Title</u>
1/2010	Neuroanatomy: Chapter 6 The Pons, Carpenter, 4th Edition, University of Texas Health Science Center at San Antonio.
1/2010	Risk Management, University of Texas Health Science Center at San Antonio
12/2009	Neuroanatomy: Tracts of the Spinal Cord University of Texas Health Science Center at San Antonio.
8/2009	Posterior Cranial Base: Combined Petrosal and Transjugular Approaches UTHSCSA.
7/2009	Anterior Cranial Base: Extracranial & Intracranial Approaches University Texas Health Science Center San Antonio.
7/2009	Intracranial Midline: Ventricular & Pineal Regional Approaches UTHSCSA.
7/2009	Middle Cranial Base: Anterior & Lateral Approaches University Texas Health Science Center San Antonio.
7/2009	Risk Management, Part I University Texas Health Science Center San Antonio.
6/2009	Risk Management, Part II University Texas Health Science Center San Antonio.
2/2009	PBL Case of the Month UTHSCSA.
8/2008	Risk Management: Pain Management University Texas Health Science Center San Antonio.
8/2008	Intracranial Midline: Ventricular and Pineal Region Approaches University Texas Health Science Center San Antonio.
8/2008	Posterior Cranial Base: Combined Petrosal and Transjugular Approaches University Texas Health Science Center San Antonio.
8/2008	Middle Cranial Base: Anterior and Lateral Approaches University Texas Health Science Center San Antonio.
11/2007	PHYT6015 Medical Lectures II University of Texas Health Science Center San Antonio.
6/2008- 3/2010	Coordination of Medical Student Rotation on Neurosurgical Service UTHSCSA <i>Coordination, orientation, clinical teaching of medical students on rotation with the Department of Neurosurgery in my capacity as Vice Chair of Academic Affairs.</i>

Publications:

Books/Monographs

1. Arriaga M, **Day JD** (eds). Neurosurgical issues in otolaryngology: principles and practice of collaboration. New York: Lippincott Williams & Wilkins; 1999.
2. **Day JD**, Koos WT, Matula C, Lang J. Color atlas of microneurosurgical approaches: the cranial base and intracranial midline. Stuttgart: Thieme; 1997.
3. **Day JD**, Tschabitscher M. Microsurgical dissection of the cranial base. New York: Churchill-Livingstone; 1996.

Book Chapters

1. Wilson TA, **Day JD**. Microvascular Decompression of the Trigeminal Nerve for Trigeminal Neuralgia. In: Petersen EA, Suen J (eds). Diagnosis and Management of Head and Face Pain: A Practical Approach. Cham, Switzerland: Springer, 2018:235-250.
2. Suen JY, **Day JD**. Clinical Case of Type 1 Trigeminal Neuritis. In Suen J, Petersen EA, (eds). Diagnosis and Management of Head and Face Pain: A Practical Approach. Cham, Switzerland: Springer, 2018-331-334.
3. **Day JD**, Harsh GR IV, Morris TW. Lateral Approaches. In: Harsh GR IV, Vaz-Guimaraes F (eds). Chordomas and Chondrosarcomas of the Skull Base and Spine, 2nd Edition. San Diego: Academic Press, 2018:171-182.
4. Morris TW, **Day JD**. Surgical Management of Trigeminal Schwannomas. In: Baddie B (ed). Neurosurgical Operative Atlas 3E: Neuro-Oncology. New York: Thieme (in press).
5. **Day JD**, Feng DX, Fukushima T. Tumors Involving the Cavernous Sinus. In: Quinones-Hinojosa A, (eds). Schmidek & Sweet Operative Neurosurgical Techniques: Indications, Methods, and Results. Philadelphia: Saunders; 2012:451-467.
6. **Day JD**, Feng DX, Fukushima T. Surgical Techniques for Cavernous Sinus Neoplasms In: Schmidek H, Sweet W (eds). Operative Neurosurgical Techniques. Philadelphia: Saunders; 2010.
7. **Day JD**. Surgical management of trigeminal schwannomas. In: Baddie B (ed). Neurosurgical Operative Atlas 2E: Neuro-oncology. New York: Thieme; 2007. p. 240 - 250.

8. Ghosh S, Larsen D, **Day JD**. Cavernous carotid fistulas. In: Winn HR. Youmans Neurological Surgery, 5th Edition. Philadelphia: WB Saunders; 2004. p. 2341 - 2352.
9. Lavine SD, **Day JD**, Albuquerque FC, Giannotta SL. Basilar trunk aneurysms. In: Winn HR (ed). Youmans Neurological Surgery, 5th Edition. Philadelphia: WB Saunders; 2004. p. 2025 – 2041
10. **Day JD**, Harsh GR IV. Lateral approaches In: Harsh GR IV (ed). Chordomas and Chondrosarcomas of the Skull Base and Spine. Thieme Co.; 2003. p. 165 - 174.
11. **Day JD**, Friedman RA. Management of skull base tumors. In: Petrovich Z, Brady LW, Apuzzo MLJ, Bamberg M (eds). Combined Modality Therapy of Central Nervous System Tumors. Berlin: Springer; 2001. p. 413 - 425.
12. **Day JD**. Surgical approaches to the petroclival region. In: Robertson JT, Robertson JR, Coakham H (eds). Cranial Base Surgery. Saunders; 2000. p. 187 - 200.
13. **Day JD**, Fukushima T. Techniques of surgery for cavernous sinus aneurysms. In: Eisenberg and Al-Mefty (eds). The Cavernous Sinus. Philadelphia: Lippincott, Williams and Wilkins; 2000. p. 139 - 150.
14. **Day JD**, Giannotta SL. Surgical management of vertebro-PICA aneurysms. In: Schmidek H and Sweet W (eds). Operative Neurosurgical Techniques, 4th Edition. Philadelphia: WB Saunders; 2000. p. 1261 - 1274.
15. Fukushima T, **Day JD**. Operative management of cavernous sinus neoplasms. In: Schmidek H and Sweet W (eds). Operative Neurosurgical Techniques, 4th Edition. Philadelphia: WB Saunders; 2000. p. 351 - 370.
16. **Day JD**. Extradural approaches for resection of trigeminal neurinomas. In: Rengachary S (ed). Neurosurgical Operative Atlas. Park Ridge, IL: American Association of Neurological Surgeons; 1999. p. 95 - 105.
17. **Day JD**, Fukushima T. Cranial base strategies for complex lesions involving the third ventricle. In: Apuzzo MLJ. Surgery of the Third Ventricle, 2nd Edition. Philadelphia: WB Saunders; 1998. p. 575 - 590.
18. Apuzzo MLJ, Zee CS, Breeze RE, **Day JD**. Anterior and mid-third ventricle lesions: a surgical overview. In: Apuzzo MLJ. Surgery of the Third Ventricle, 2nd Edition. Philadelphia: WB Saunders; 1998. p. 635 - 682.
19. Fukushima T, **Day JD**. Microsurgical anatomy and practical extradural dissection for cavernous sinus surgery. In: Surgical Anatomy for Microneurosurgery IX. Tokyo: Simed Publications; 1997. p. 32 - 41.

20. Choi SH, **Day JD**, Levy ML, Giannotta SL. The rhomboid approach In: Surgical Anatomy for Microneurosurgery IX. Tokyo: Simed Publications; 1997. p. 42 – 46
21. **Day JD**, Fukushima T. Cavernous sinus neoplasms. In: Yeomans J. Neurological Surgery: A Comprehensive Reference Guide to the Diagnosis and Management of Neurosurgical Problems, 4th edition. Philadelphia: WB Saunders; 1996. p. 2862 – 2881
22. **Day JD**, Giannotta SL. Management of posterior circulation aneurysms. In: Yeomans J. Neurological Surgery: A Comprehensive Reference Guide to the Diagnosis and Management of Neurosurgical Problems, 4th edition. Philadelphia: WB Saunders; 1996. p. 1335 - 1353.
23. **Day JD**, Levy M, Giannotta SL. Operative management of internal carotid artery aneurysms. In: Tindall G, Cooper P, Barrow D (eds). The Practice of Neurosurgery. Baltimore: Williams and Wilkins; 1996. p. 2033 - 2046.
24. Fukushima T, **Day JD**. Treatment of giant cavernous aneurysms: endovascular vs. reconstruction. In: Al-Mefty O, Origatano T and Harkey HL (eds). Controversies in Neurosurgery. New York: Thieme; 1996. p. 198 - 201.
25. **Day JD**, Giannotta SL. Surgical management of vertebro-PICA aneurysms. In: Schmidek H, Sweet W. Operative Neurosurgical Techniques, 3rd ed. Philadelphia: WB Saunders; 1995. p. 1103 - 1112.
26. Fukushima T, **Day JD**. Operative management of cavernous sinus neoplasms. In: Schmidek H and Sweet W (eds). Operative Neurosurgical Techniques, 3rd Edition. Philadelphia: WB Saunders; 1995. p. 493 - 510.
27. Levy M, **Day JD**, Giannotta SL. Giant ophthalmic aneurysms. In: Awad IA and Barrow DL (eds). Giant Intracranial Aneurysms. Park Ridge, IL: AANS Publications; 1995. p. 131 - 142.
28. Fukushima T, **Day JD**, Tung H. Intracavernous carotid artery aneurysms. In: Apuzzo MLJ. Brain Surgery, Complication Avoidance and Management. New York: Churchill Livingstone; 1993. p. 925 - 944.

Editorial:

1. **Day JD**. An Alternate Viewing Universe. *World Neurosurgery* 2013 Nov;80(5):507-508
2. **Day JD**. Anatomy and Surgical Approaches of the Temporal Bone and Adjacent Areas *Neurosurgery* 2007 Oct;61(4):S4-3-S4-3

3. **Day JD.** Suprapetrosal craniotomy. *J Neurosurg* 2007 Oct;107(4):899-900.
4. **Day JD.** Malignant schwannoma. *J Neurosurg* 2002 Apr;96(4):805-806.
5. **Day JD.** Commentary. *Skull Base* 2002 Feb;12(1):31-31
6. **Day JD.** Benign Nonmeningeal Tumors of the Cavernous Sinus *Neurosurgery* 1999 May;44(5):954-954.
7. **Day JD.** Intradiploic Arachnoid Cyst with Extensive Deformation of Craniofacial Osseous Structures: Case Report *Neurosurgery* 1999 Apr;44(4):870-870.
8. **Day JD.** Combined Pretemporal and Endovascular Approach to the Cavernous Sinus for the Treatment of Carotid-Cavernous Dural Fistulae: Technical Case Report *Neurosurgery* 1999 Feb;44(2):418-418
9. **Day JD.** Primary Spheno-Orbital Angiosarcoma: Case Report and Review of the Literature *Neurosurgery* 1999 Feb;44(2):408-408.
10. **Day JD.** The Enigmatic Foramen Lacerum *Neurosurgery* 1999 Feb;44(2):392-392.
11. **Day JD.** Analytical Evaluation of Complex Anterior Approaches to the Cranial Base: An Anatomic Study *Neurosurgery* 1998 Dec;43(6):1407-1408.
12. **Day JD.** Extradural Origin of the Posteroinferior Cerebellar Artery: An Anatomic Study with Histological and Radiographic Correlation. *Neurosurgery* 1998; 42 (6): 1331. doi: 10.1097/00006123-199806000-00081
13. **Day JD.** Anatomy of the Frontotemporal Branch of the Facial Nerve and Indications for Interfascial Dissection. *Neurosurgery* 1998; 43 (3): 568. doi: 10.1097/00006123-199809000-00091
14. **Day JD.** A case report of an exceptionally rare type of vascular tumor. *Neurosurgery* 1998; 42 (5): 1155-1156. doi: 10.1097/00006123-199805000-00121
15. **Day JD.** Atlas of Acoustic Neurinoma Microsurgery. *Neurosurgery* 2001; 48 (4): 965-966. doi: 10.1097/0006123-200104000-00065
16. **Day JD.** Failure of Hydroxyapatite Cement to Set in Repair of a Cranial Defect: Case Report *Neurosurgery* 1998 Oct;43(4):955-955.
17. **Day JD.** Hemangioendothelioma of the Cavernous Sinus: Case Report *Neurosurgery* 1998 May;42(5):1155-1156.

18. **Day JD.** Microsurgical Anatomy of the Dural Collar (Carotid Collar) and Rings around the Clinoid Segment of the Internal Carotid Artery *Neurosurgery* 1998 Apr;42(4):884-885.
19. **Day JD.** Tentorial Venous Sinuses: An Anatomic Study *Neurosurgery* 1998 Feb;42(2):371-371.
20. **Day JD.** Skull Base Surgery: Anatomy, Biology and Technology *Neurosurgery* 1997 Nov;41(5):1208-1208.
21. **Day JD.** Atlas of Cranial Base Surgery *Neurosurgery* 1995 Jul;37(1):158-159.
22. **Day JD,** Levy M, Fukushima T. Temporal muscle fixation. *J Neurosurg* 1995 Apr;82(4):701-702.
23. **Day JD.** Microsurgical Anatomy of the Brain - A Stereo Atlas *Neurosurgery* 1995 Jan;36(1):208-208.
24. **Day JD.** Intraoperative Monitoring Techniques in Neurosurgery *Neurosurgery* 1994 Aug;35(2):338-338.
25. **Day JD,** Fukushima T. Suction control of ultrasonic aspirators. *J Neurosurg* 1993 Apr;78(4):688-689.
26. Levy M, Zelman V, **Day JD,** Giannotta SL. Complications of Hypervolemic Therapy *Journal of Neurosurgery* 1993;79:788-789.

Peer-Reviewed Journal Articles:

1. Darrigues E, Elberson BW, De Loose A, Lee M, Green E, Benton AM, Sink LG, Scott H, G Murat, **Day JD,** Rodriguez A: Brain Tumor Biobank Development for Precision Medicine: Role of the Neurosurgeon. *Front Oncol*, 2021 Apr; 11:1260, doi.org/10.3389/fonc.2021.662260.
2. Rennert RC, Brandel MG, Steinberg JA, Martin JR, Gonda DD, Fukushima T, **Day JD,** Khalessi AA, Levy ML: Surgical Relevance of Pediatric Anterior Clinoid Process Maturation for Anterior Skull Base Approaches. *Neurosurgery* 2021 Mar; 20(3): E200-207, DOI:10.1093/ons/opaa374.
3. Rennert RC, Powers MP, Steinberg JA, Fukushima T, **Day JD.** Khalessi AA, Levy ML. histology of the vertebral artery-dural junction: Relevance to posterolateral approaches to the skull base. *J Neurosurg* 2021 Jan;134:131-136,2021. DOI:10.3171/2019.9.JNS191394./SNI_146_2020

4. Morris TW, Hundley KN, Thomas KO, Lockhart EC, Rodriguez A, **Day JD**. Decompression of cavernous sinus for trigeminal neuropathic pain from perineural spread of tumor: 2-dimensional operative video. *Oper Neurosurg* 2020 Sep 1;19(3):E304-E305. DOI: 10.1093/ons/opaa033.
5. Khani M, Hundley K, Morris TW, Henson JC, Thomas K, Wong K, Rodriguez A, **Day JD**. Surgical treatment of symptomatic small medial petrous meningiomas causing trigeminal neuralgia. *World Neurosurg* 2020 Jul;139:e761-e768. DOI: 10.1016/j.wneu.2020.04.127.
6. Patterson JD, Helton M, Khani M, Sardar S, Thomas K, Galhardo EP, Penagaricano JA, **Day JD**, Rodriguez A: Neurosurgical management of perineural metastases: A case series and review of the literature. *Surg Neurol Int.* 2020 Jul 25:206. DOI: 10.25259
7. Occidental M, McCarty J, **Day J**, Gokden M. Pituitary adenoma with ganglion cell differentiation (PA-g). *J Neuropathol Exp Neurol* 2018 June;77(6):517.
8. **Day JD**. Transsulcal parafascicular surgery using BrainPath® for subcortical neoplasms. *Clin Neurosurg* 2017 Sept;64:151-156. DOI: 10.1093/neuros/nyx324.
9. Lieber BA, Henry JK, Agarwal N, **Day JD**, Morris TW, Stephens ML, Abba AA. Impact of surgical specialty on outcomes followings carotid endarterectomy. *Neurosurgery* 2017 Feb 1;80(2):217-225. DOI: 10.1093/neuros/nyw027.
10. Labib MA, Shah M, Kassam AB, Young R, Zucker L, Maioriello A, Britz AG, Agbi C, **Day JD**, Gallia G, Kerr R, Pradilla G, Rovin R, Kulwin C, Bailes J. The safety and feasibility of image-guided BrainPath-mediated transsulcal hematoma evacuation: A multicenter study. *Neurosurgery* 2016 Jun 17. DOI: 10.1227/NEU.0000000000001316.
11. Kaskas NM, Kern M, Johnson A, Hughes MP, Hardee M, **Day J**, et al. A case of cutaneous Rosai-Dorfman disease (CRDD) with underlying calvarial involvement and absence of BRAF^{V600E} mutation. *JAAD Case Reports* 2015 Nov;1(6):408-411.
12. Gluth MB, **Day JD**, Dornhoffer JL. Determining benchmarks in hearing preservation surgery for vestibular schwannoma. *Journal of Neurological Surgery – Part B* 2012 Aug;73(B4):273-280.
13. **Day JD**. The middle fossa approach and extended middle fossa approach: Technique and operative nuances. *Operative Neurosurgery* 2012 Jun;70:192-201.
14. **Day JD**, Nanda A. Skull base cerebrospinal fluid fistula. *Neurosurg Focus* 2012 Jun;32(6):1.

15. **Day JD**, Yoo A, Muckle R. Pigmented Villonodular Synovitis of the Temporomandibular Joint: A Rare Tumor of the Temporal Skull Base *Journal of Neurosurgery* 2008 Jul;109:140-143.
16. **Day JD**. Minimally Invasive Surgical Closure of a Spinal Dural Arteriovenous Fistula. *Minimally Invasive Neurosurgery* 2008 Jun; 51:183-186.
17. Zada G, **Day JD**, Giannotta SL. The extradural temporopolar approach: a review of indications and operative technique. *Neurosurg Focus* 2008 Jan;25(6):3-3.
18. **Day JD**. Intradural jugular tubercle reduction to enhance exposure via the transcondylar approach: technical note. *Neurosurgery* 2004 Jul;55(1):247-250
19. **Day JD**, Chen DA, Arriaga M. Translabyrinthine approach for acoustic neuroma. *Neurosurgery* 2004 Feb;54(2):391-395.
20. **Day JD**. Surgical approaches to suprasellar and parasellar tumors. *Neurosurg Clin N Am* 2003 Jan;14(1):109-122.
21. Brackmann DE, Kesser BW, **Day JD**. Microvascular decompression of the vestibulocochlear nerve for disabling positional vertigo: the House Ear Clinic experience. *Otol Neurotol* 2001 Nov;22(6):882-887.
22. Brackmann DE, Fayad JN, Slattery WH, Friedman RA, **Day JD**, Hitselberger WE, Owens RM. Early proactive management of vestibular schwannomas in neurofibromatosis type 2. *Neurosurgery* 2001 Aug;49(2):274-280.
23. Hitselberg, WE, Brackmann DE, **Day JD**, Shannon R, Otto S. Ghosh S. Auditory brain stem implants. *Operative Techniques in Neurosurgery* 2001 Mar;4(1):47-52.
24. Freidberg SR, Pfeifer BA, Dempsey PK, Tarlov EC, Dube MA, **Day JD**, Machado DE. Intraoperative computerized tomography scanning to assess the adequacy of decompression in anterior cervical spine surgery. *J Neurosurg* 2001 Jan;94(1 Sup):8-11.
25. **Day JD**. Cranial base surgical techniques for large sphenocavernous meningiomas: technical note. *Neurosurgery* 2000 Mar;46(3):754-759.
26. **Day JD**, Hitselberger WE, Brackmann DE. The middle fossa approach for acoustic neuroma. *Neurosurgery* 1999 Sept; 45(3):696
27. Terasaka S, **Day JD**, Fukushima T. Extended transbasal approach: anatomy, technique, and indications. *Skull Base Surg* 1999 Jan;9(3):177-184.
28. Koos WT, Day JD, Matula C, Levy DI. Neurotopographic considerations in the microsurgical treatment of small acoustic neurinomas. *J Neurosurg* 1998 Mar;88(3):506-512.

29. **Day JD**, Fukushima T. The surgical management of trigeminal neuromas. *Neurosurgery* 1998 Feb;42(2):233-240.
30. **Day JD**, Tschabitscher M. Anatomic position of the asterion. *Neurosurgery* 1998 Jan;42(1):198-199.
31. Levy ML, Khoo LT, **Day JD**, Liker M, McComb JG. Optimization of the operative corridor for the resection of craniopharyngiomas in children: the combined frontoorbitozygomatic temporopolar approach. Technical note. *Neurosurg Focus* 1997 Dec;3(6):5-5.
32. **Day JD**, Fukushima T. Direct microsurgery of dural arteriovenous malformation type carotid-cavernous sinus fistulas: indications, technique, and results. *Neurosurgery* 1997 Nov;41(5):1119-1124.
33. **Day JD**, Fukushima T, Giannotta SL. Cranial base approaches to posterior circulation aneurysms. *J Neurosurg* 1997 Oct;87(4):544-554.
34. Matula C, Trattinig S, Tschabitscher M, **Day JD**, Koos WT. The course of the prevertebral segment of the vertebral artery: anatomy and clinical significance. *Surg Neurol* 1997 Aug;48(2):125-131.
35. Levy ML, **Day JD**, Albuquerque F, Schumaker G, Giannotta SL, McComb JG. Heads-up intraoperative endoscopic imaging: a prospective evaluation of techniques and limitations. *Neurosurgery* 1997 Mar;40(3):526-530.
36. Lavine SD, **Day JD**, Giannotta SL. Transmastoid approaches to basilar trunk and vertebro-basilar aneurysms *Neurosurgeons* 1997;16:32-37.
37. Levy ML, **Day JD**, Fukushima T. Surgicel fibrillar absorbable oxidized regenerated cellulose *Neurosurgery* 1997;41:701-701.
38. Koos WT, **Day JD**. Neurological surgery at the University of Vienna. *Neurosurgery* 1996 Sep;39(3):583-587.
39. Ko D, Heck C, Grafton S, Apuzzo ML, Couldwell WT, Chen T, **Day JD**, Zelman V, Smith T, DeGiorgio CM. Vagus nerve stimulation activates central nervous system structures in epileptic patients during PET H₂(15)O blood flow imaging. *Neurosurgery* 1996 Aug;39(2):426-430.
40. **Day JD**, Kellogg JX, Tschabitscher M, Fukushima T. Surface and superficial surgical anatomy of the posterolateral cranial base: significance for surgical planning and approach. *Neurosurgery* 1996 Jun;38(6):1079-1083.

41. Fukushima T, **Day JD**, Hirahara K. Extradural total petrous apex resection with trigeminal translocation for improved exposure of the posterior cavernous sinus and petroclival region. *Skull Base Surg* 1996;6(2):95-103.
42. **Day JD**, Fukushima T, Giannotta SL. Innovations in surgical approach: lateral cranial base approaches. *Clin Neurosurg* 1996;43:72-90.
43. Stillerman CB, Chen TC, **Day JD**, Couldwell WT, Weiss MH. The transfacet pedicle-sparing approach for thoracic disc removal: cadaveric morphometric analysis and preliminary clinical experience. *J Neurosurg* 1995 Dec;83(6):971-976.
44. **Day JD**, Levy ML, Giannotta SL. The management of penetrating vascular injuries. *Neurosurg Clin N Am* 1995 Oct;6(4):799-808.
45. Matula C, Tschabitscher M, Day JD, Reinprecht A, Koos WT. Endoscopically assisted microneurosurgery. *Acta Neurochir (Wien)* 1995;134(3-4):190-195.
46. Matula C, **Day JD**, Czech T, Koos W. The retrosigmoid approach to acoustic neuromas: technical, strategic and future Concepts *Acta Neurochir (Wien)* 1995;134:139-147.
47. Levy ML, **Day JD**, Zelman V, Giannotta SL. Cardiac performance enhancement and hypervolemic therapy. *Neurosurg Clin N Am* 1994 Oct;5(4):725-739.
48. **Day JD**, Giannotta SL, Fukushima T. Extradural temporopolar approach to lesions of the upper basilar artery and infrachiasmatic region. *J Neurosurg* 1994 Aug;81(2):230-235.
49. **Day JD**, Fukushima T, Giannotta SL. Microanatomical study of the extradural middle fossa approach to the petroclival and posterior cavernous sinus region: description of the rhomboid construct. *Neurosurgery* 1994 Jun;34(6):1009-1016.
50. Destian S, Tung H, Gray R, Hinton DR, Day J, Fukushima T, **Day JD**. Giant infectious intracavernous carotid artery aneurysm presenting as intractable epistaxis. *Surg Neurol* 1994 Jun;41(6):472-476.
51. **Day JD**, Fukushima T. Transmastoid microsurgery for the treatment of acoustic neuromas *Neurosurgeons* 1994;13:91-99.
52. **Day JD**, Fukushima T. Two simple devices for microneurosurgery: automatic drip irrigating needle and a suction retractor. *Neurosurgery* 1993 May;32(5):867-868.
53. Loi CM, **Day JD**, Jue SG, Bush ED, Costello P, Dewey LV, Vestal RE. Dose-dependent inhibition of theophylline metabolism by disulfiram in recovering alcoholics. *Clin Pharmacol Ther* 1989 May;45(5):476-486.

Presentations:

- 5/2019 Simultaneous Mutations and Methylation Status Assessment in Glioblastoma using CRISPR-Cas9-targeted Nanopore Sequencing. Winthrop Rockefeller Cancer Institute Research Retreat. Little Rock, AR.
Details: Poster presentation. P Jenjaroenpun, A DeLoose, D Aikam, I Nookaew, JD Day, DW Ussery, A Rodriguez, T Wongsurawat
- 5/2019 Transcriptome-wide Analysis of Transplanted Glioblastoma and Rat Brains using Nanopore Sequencing. Winthrop Rockefeller Cancer Institute Research Retreat. Little Rock, AR.
Details: Poster presentation. P Jenjaroenpun, A DeLoose, S Ali, I Nookaew, DW Ussery, JD Day, T Wongsurawat, A Rodriguez
- 12/2018 Optimization of Surgical Corridors for Minimized Access in Skull Base Surgery: Techniques, Tips, and Results. Georgia Neurosurgical Society Annual Fall Meeting. Greensboro, GA (Honored Guest).
- 08/2018 Improving Clinical Outcomes & Expanding Surgical Options in Brain Metastases. 5th Annual Meeting of the Subcortical Surgery Group. Boulder, CO (invited presenter).
- 08/2018 Complications, Challenges, & Learning Curve of Trans-Sulcal Surgery – What Can Go Wrong. 5th Annual Meeting of the Subcortical Surgery Group. Boulder, CO (panelist).
- 02/2017 Debate – The Role of Endoscopy in Anterior Skull Base Surgery. 68th Southern Neurosurgical Society Annual Meeting. Orlando, FL (invited faculty).
- 02/2017 Minimizing Access Corridors for Cranial Base Pathologies. 3rd Educational Meeting of the International Society of Minimally Invasive Neurosurgery (ISMINS). Tokyo, Japan (invited International faculty)
- 09/2016 Brainpath. Congress of Neurological Surgeons Annual Meeting, General Scientific IV Session. San Diego, CA (invited faculty).
- 03/2016 Resection of Subcortical Lesions Using a Trans-sulcal Parafascicular Minimal Access Approach: Single Center Preliminary Results and Outcomes. Southern Neurosurgical Society Annual Meeting. San Antonio, TX.
Details: Oral presentation. JT Dowdy, ML Stephens, JD Day
- 12/2015 Minimally Invasive Parafascicular Technique for Subcortical Surgery. Neurosurgery
Grand Rounds, University of Southern California Keck School of Medicine. Los Angeles, CA (Visiting Professor)

- 12/2015 Optimization of Surgical Corridors for Minimal Access Skull Base Surgery. Neurosurgery Grand Rounds, University of Southern California Keck School of Medicine. Los Angeles, CA (Visiting Professor).
- 10/2015 AO Neuro Course – Skull Base. Medical University of Vienna. Vienna, Austria. (Course Faculty).
- 11/2015 Minimally Invasive Parafascicular Technique for Subcortical Surgery. The 6 Pillar Approach for Comprehensive Management of Subcortical Lesions. Yaşargil Microsurgical Laboratory. Little Rock, AR (Course Director).
- 11/2015 Principles of Integrating the 6 Pillar Approach for White Matter Minimally Invasive Subcortical Surgery. The 6 Pillar Approach for Comprehensive Management of Subcortical Lesions. Little Rock, AR (Faculty).
- 11/2015 Fascicular Anatomy and Common Corridors for Tumors. The 6 Pillar Approach for Comprehensive Management of Subcortical Lesions. Little Rock, AR (Faculty).
- 09/2015 Practical Course – Endoscopic and Keyhole Cranial Surgery Part 1: Keyhole Craniotomy and Endoscopic Assisted Microsurgery (cadaver course). Congress of Neurological Surgeons Annual Meeting. New Orleans, LA (invited faculty).
- 07/2015 Clinical Evidence to Date – Tumor. 2nd Annual Meeting Subcortical Surgery Group. Park City, UT (Panelist).
- 02/2015 Advancements in Neurosurgery. Leadership Greater Little Rock Class – Health and Medical Sciences Session. Little Rock, AR (Invited Speaker).
- 11/2014 Essential Cranial Base Techniques for Microneurosurgery – Senior Neurosurgical Residents Course. Palm Beach Gardens, FL (Course Director).
- 08/2014 Overview of First 20 Cases With the 6 Pillar Approach. 1st Annual Subcortical Surgery Group Meeting. Park City, UT (Presenter).
- 09/2014 Optimization of Surgical Corridors for Minimized Access in Skull Base Surgery. 2nd International Congress on Minimally Invasive Technique in Neurosurgery. Xi'an, China (Invited Speaker).
- 05/2013 If I Could Do That Case Over Again: Discussion of Complications of Cranial Surgery. 81st Annual Meeting of the American Association of Neurological Surgeons. New Orleans, LA (Panelist).
- 01/2013 Essential Cranial Base Techniques for Microneurosurgery – Senior Neurosurgical Residents Course. Palm Beach Gardens, FL (Course Director).

- 10/2012 Operative Nuances: Trans and Pericavernous Approaches. Chinese Neurosurgical Society 2012 Annual Meeting. Hangzhou City, China (Invited Faculty).
- 04/2012 If I Could Do That Case Over Again: Discussion of Complications of Cranial Surgery. 80th Annual Meeting of the American Association of Neurological Surgeons. Miami, FL (Panelist).
- 03/2012 Skull Base Approaches in Aneurysm Surgery. 63rd Southern Neurosurgical Society Annual Meetings. Amelia Island, FL (Invited Presenter).
- 12/2011 Metastatic Brain Tumors: Current Trends in Treatment and Outcomes, Winthrop P. Rockefeller Cancer Institute Grand Rounds, UAMS Medical Center, Little Rock, AR (Sole Presenter).
- 09/2011 Dural Repair in Complex Neurosurgery and Practical Hands-On, 4th International Interdisciplinary International Course on Skull Base Surgery “Lateral Skull Base, Vienna, Austria (Invited International Faculty).
- 09/2011 Approaches to the Lateral Skull Base – NCH Aspect. 4th International Interdisciplinary International Course on Skull Base Surgery “Lateral Skull Base, Vienna, Austria (Invited International Faculty – Keynote Lecture).
- 10/2011 Operative Neurosurgery, Operative Nuances. Congress of Neurological Surgeons Annual Meeting, Washington, DC (Invited Faculty).
- 06/2010 Contemporary Neurosurgical Contributions to Minimally Invasive Skull Base Surgery, J. Floyd Kyser, M.D., 17th Annual Resident Research and Alumni Conference, Department of Otolaryngology – Head and Neck Surgery UAMS Medical Center, Little Rock, AR (Sole Presenter).
- 11/2010 Minimally Invasive Brain Surgery, UAMS Outreach Program, Jonesboro, AR (Sole Presenter).
- 12/2010 Facial Pain Syndromes and Other Vascular Compression Syndromes, UAMS Outreach Program, El Dorado, AR (Sole Presenter).
- 10/2010 Intracerebral Hemorrhage, Neurosurgery Grand Rounds, University of Arkansas for Medical Sciences, Little Rock, AR (Sole Presenter).
- 01/2010 Six Flags Over Texas: How Explorers, Padres, Colonists, and Outlaws Shaped Texas, 3rd Annual Texas All-State Neurosurgery Residency Program Conference, Texas Neurosurgery Residents, University Texas Health Science Center San Antonio, San Antonio, TX (Keynote Speaker).
- 09/2009 Special Problems of Reconstruction in Skull Base Surgery, 2nd International Interdisciplinary AO Course on Skull Base Surgery Approaches to the Lateral Base, Medical University of Vienna, Vienna, AU (Invited Speaker).

- 10/2008 Neurosurgical Tics, Neurosciences Grand Rounds, Neurosurgery, University Texas Health Science Center San Antonio, San Antonio, TX (Sole Presenter).
- 09/2008 Cavernous Sinus Surgery in 2008: Indications, Operative Nuances, Neurosciences Grand Rounds, Visiting Professor Lectureship, University of Southern California, Los Angeles, CA (Invited Speaker).
Details: *Visiting Professor, University of Southern California Dept. of Neurosurgery*
- 09/2008 Vertebral Artery Aneurysms: Surgical Approaches, 2008 NASBS/WFSBS World Congress, 5th International Congress of the World Federation of Skull Base Societies and 19th Annual Meeting of The North American Skull Base Society, Vancouver, British Columbia, CA (Sole Presenter).
- 08/2008 Cerebral Vascular Compression Syndromes, Family Medicine Grand Rounds, Department of Family Medicine, University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter).
Details: *Presentation on cerebral vascular compression syndromes at Family Medicine Grand Rounds.*
- 08/2008 Cerebral Vascular Compression Syndromes, Neurosciences Grand Rounds, Neurosurgery, University of Texas Health Science Center, San Antonio, TX (Sole Presenter).
- 06/2008 The Middle Fossa and Extended Middle Fossa Approach: Technique and Operative Nuances, Annual Meeting, Neurosurgical Society of America, Neurosurgical Society of America, Whistler, British Columbia, CA (Sole Presenter).
Details: *Plenary Session talk regarding the middle fossa and extended middle fossa skull base approaches.*
- 02/2008 Cranial Base Lesions: Board Prep by Case Review, Neurosciences Grand Rounds, Neurosurgery, University of Texas Health Science Center, San Antonio, TX (Sole Presenter).
- 01/2008 The Dolenc Approach in 2008: Technical Nuances, Application in Practice, 1st Annual Texas Neurosurgery Training Program All State Conference (Invited Speaker).
- 09/2007 Intracranial Hemorrhage: Current Management and Future Directions, Neurosciences Grand Rounds, Neurosurgery, University of Texas Health Science Center, San Antonio, TX (Sole Presenter).

- 06/2007 Survival Influence of surgical resection in aggressive multimodality treatment of GBM's, Annual Meeting, Neurosurgical Society of America, Neurosurgical Society of America, Kohler, WI (Co-Presenter).
***Details:** Presented study of outcomes in a group of glioma patients treated aggressively and the effect a gross total resection had in the group on outcome.*
- 11/2006 Cranial Base Approaches for Complex Aneurysms, 2nd International Congress "Selected Topics in Neurosurgery", Leon, MX (Invited Speaker).
***Details:** Invited Foreign Guest of the Congress*
- 11/2006 Microsurgical Treatment of Type D Carotid-Cavernous Sinus Fistulas, 2nd International Congress, "Selected Topics in Neurosurgery", Leon, MX (Invited Speaker).
***Details:** Invited Foreign Guest of the Congress*
- 06/2006 Reconstructive Issues in Cranial Base Surgery, Osteosynthesis and Bone Management in Cranial Neurosurgery, Medical University of Vienna, Vienna, AU (Invited Speaker).
- 10/2003 Meningiomas: When to Use a Skull Base Approach, Lunch Seminar, Annual Meeting, Congress of Neurological Surgeons, Denver, CO (Sole Presenter).
- 07/2003 Management of Acoustic Neuromas, Annual Meeting of the Mexican Neurosurgical Society, Monterrey, MX (Invited Speaker).
- 07/2003 Sphenocavernous Meningiomas, Annual Meeting of the Mexican Neurosurgical Society, Monterrey, MX (Invited Speaker).
- 04/2003 The Orbitozygomatic and Anterior Transpetrous Approaches to Skull Base Lesions, Breakfast Seminar, 'Lateral Approaches to the Cranial Base', Annual Meeting, American Association of Neurological Surgeons, San Diego, CA (Sole Presenter)
- 02/2003 The Anterior Transpetrosal Approach for Basilar Artery Aneurysms, Special Course I: Special Techniques in Microsurgical Aneurysm Surgery, 6th Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology (Sole Presenter).
- 02/2003 Intradural Jugular Tubercle Reduction to Enhance Exposure Via the Transcondylar Approach, Annual Meeting, Joint AANS / CNS Section on Cerebrovascular Surgery, Phoenix, AZ (Sole Presenter)
- 09/2002 Sphenocavernous Meningiomas, Breakfast Seminar, 'Difficult Meningiomas: Convexity to Skull Base', 52nd Annual Meeting, Congress of Neurological Surgeons, Philadelphia, PA (Sole Presenter).

- 04/2002 Surgical Approaches to the Lateral Skull Base, Breakfast Seminar No. 109, 70th Annual Meeting, American Association of Neurological Surgeons, Chicago, IL (Sole Presenter).
- 04/2002 Neurovascular Emergencies, 'On the Cutting Edge of Emergency Medicine' sponsored by Allegheny General Hospital, Dept. of Continuing Medical Education, Uniontown, PA (Sole Presenter).
- 10/2001 Pseudotumor of the Jugular Fossa: Pitfalls of Radiographic Diagnosis, Annual Meeting, Congress of Neurological Surgeons, San Diego, CA (Co-Presenter).
- 09/2001 Posterior Fossa Anatomy, Special Course - Surgery of the Posterior Fossa, Annual Meeting, Congress of Neurological Surgeons, San Diego, CA (Sole Presenter).
- 09/2001 Nuances of Acoustic Neuroma Surgery, Masters of Neurosurgery Special Course, Annual Meeting, Congress of Neurological Surgeons, San Diego, CA (Sole Presenter).
- 04/2001 Surgical Approaches to the Lateral Skull Base, Breakfast Seminar No. 307, 69th Annual Meeting, American Association of Neurological Surgeons, Toronto, Ontario, CA (Sole Presenter)
- 04/2001 Surgical Results of Translabyrinthine Removal of Small Acoustic Neuromas, Annual Meeting, American Association of Neurological Surgeons, Toronto, Ontario, CA (Co-Presenter).
- 04/2001 Concurrent Endoscopy in the Pretemporal Transcavernous Orbitozygomatic Exposure: A Laboratory Investigation, Annual Meeting, American Association of Neurological Surgeons, Toronto, Ontario, CA (Co-Presenter).
- 03/2001 Gamma Knife Surgery for Cerebellopontine and Petrous Apex Lesions, Annual Meeting, North American Skull Base Society, Orlando, FL (Sole Presenter).
- 02/2001 Concurrent Endoscopy in the Pretemporal Transcavernous Orbitozygomatic Exposure: A Laboratory Investigation, Annual Meeting, AANS/CNS Joint Section on Cerebrovascular Surgery, HI (Co-Presenter).
- 09/2000 The Middle Fossa Approach for Acoustic Neuroma Resection and Hearing Preservation, Optimizing Outcomes in Acoustic Tumor Surgery: Practical and Technical Considerations, Luncheon Seminar M011/M011R, Congress of Neurological Surgeons, San Antonio, TX (Sole Presenter).
- 09/2000 Temporal Bone Anatomy and Surgical Approaches, Congress of Neurological Surgeons Annual Meeting, Luncheon Seminar W66/W66R, Congress of Neurological Surgeons, San Antonio, TX (Sole Presenter).

- 09/2000 The Direction of Skull Base Surgery: More or Less Aggressive? Congress of Neurological Surgeons Annual Meeting, General Scientific Session IV-Controversies in Sellar and Skull Base Surgery: Indications, Outcomes, and Costs, Congress of Neurological Surgeons, San Antonio, TX (Sole Presenter).
- 09/2000 Transtemporal Bone Approaches in Skull Base Surgery, Neurosurgery Grand Rounds, Department of Neurosurgery, Oregon Health Sciences University, Portland, OR (Invited Speaker).
Details: Visiting Professor at OHSU
- 03/2000 Combined Petrosal Approach for Petroclival Lesions, 3rd Pan Pacific Neurosurgery Congress, Neurosurgery in the 21st Century, Kona Resort, HI (Invited Speaker).
- 03/2000 Middle Fossa Approach to Skull Base Tumors, 3rd Pan Pacific Neurosurgery Congress, Neurosurgery in the 21st Century, Kona Resort, HI (Invited Speaker).
- 03/2000 Microvascular Decompression of the Vestibulocochlear Nerve for Disabling Positional Vertigo - The House Ear Clinic Experience, Annual Meeting, North American Skull Base Society, Scottsdale, AZ (Co-Presenter).
- 03/2000 Surgical Complications, Skull Base Surgery 2000, 11th Annual Meeting, North American Skull Base Society, Scottsdale, AZ (Sole Presenter).
- 02/2000 Contemporary Skull Base Surgical Approaches, Stanford Neurosurgery Grand Rounds, Department of Neurosurgery, Stanford University, Palo Alto, CA (Invited Speaker).
Details: Visiting Professor at Stanford University, Department of Neurosurgery
- 11/1999 The Middle Fossa Approach for Acoustic Neuroma: Hearing Preservation Results, 49th Annual Meeting, Congress of Neurological Surgeons, Boston, MA (Co-Presenter).
- 08/1999 Extreme Lateral Approach, 1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).
- 08/1999 Infralabyrinthine Approach, 1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).
- 08/1999 Pathology of the Cavernous Sinus, 1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).
- 08/1999 Clivus Chordomas, 1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).

- 08/1999 Surgical Anatomy of the Middle Fossa, 1st International Neurotological Approach to the Skull Base Seminar/Workshop, 3rd Medical Congress of the Juarez de Mexico Hospital, Mexico City, MX (Invited Speaker).
- 04/1999 Temporal Bone Anatomy, Practical Clinic No. 019, 67th Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA (Co-Presenter).
- 04/1999 Cavernous Sinus Surgery: Techniques, Pitfalls and Complications, Breakfast Seminar No. 108, 67th Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA (Sole Presenter).
- 04/1999 Surgical Approaches to the Lateral Skull Base, Breakfast Seminar No. 311, 67th Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA (Sole Presenter).
- 04/1999 Correlative Microvascular Anatomy as a Guide to Better Surgery, Breakfast Seminar No. 411, 67th Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA (Sole Presenter).
- 04/1999 Video Surgical Tutorial, Special Course I, 67th Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA (Co-Presenter).
- 10/1998 The Combined Petrosal Approach, The Japan Neurosurgical Society 57th Annual Meeting, Sapporo, JA (Invited Speaker).
- 10/1998 Cranial Base Approaches for Cerebral Aneurysms, The Japan Neurosurgical Society 57th Annual Meeting, Sapporo, JA (Invited Speaker).
- 09/1998 Lateral Approaches to the Skull Base: Practical Anatomy and Clinical Applications, 6th Annual Ehni Lecture, Houston Neurological Society (Invited Speaker).
- 06/1998 Skull Base Surgical Techniques Applied to Large Sphenocavernous Meningiomas, Spring Meeting, New England Neurosurgical Society, Boston, MA (Sole Presenter).
- 04/1998 Lateral Approaches to the Skull Base, Breakfast Seminar No. 217, 66th Annual Meeting, American Association of Neurological Surgeons, Philadelphia, PA (Sole Presenter).
- 04/1998 Cavernous Sinus Surgery: Techniques, Pitfalls, Complications, Breakfast Seminar No. 116, 66th Annual Meeting, American Association of Neurological Surgeons, Philadelphia, PA (Sole Presenter).
- 04/1998 The Orbitozygomatic Transcavernous Approach for Giant Suprasellar Lesions with Posterior Extension, Annual Meeting, American Association of Neurological Surgeons, Philadelphia, PA (Co-Presenter)
- 04/1998 Implantation of the NCP Vagal Nerve Stimulator: Refinements of Surgical Technique, Annual Meeting, American Association of Neurological Surgeons, Philadelphia, PA (Co-Presenter).

- 04/1998 The Extended Transbasal Approach: Anatomy, Technique, and Indications, Annual Meeting, American Association of Neurological Surgeons, Philadelphia, PA (Co-Presenter).
- 03/1998 Skull Base Surgical Techniques Applied to Large Sphenocavernous Meningiomas, Annual Meeting, Society of University Neurosurgeons, Memphis, TN (Sole Presenter).
- 02/1998 Skull Base Approaches for Anterior Circulation Lesions, Luncheon Seminar 018, Joint Section on Cerebrovascular Surgery, Orlando, FL (Sole Presenter).
- 02/1998 Guglielmi Detachable Coil (GDC) Treatment of Carotid Cave Aneurysms, Joint Meeting of the ASITN and SCVS, Orlando, FL (Co-Presenter).
- 09/1997 Neurosurgical Issues in Otolaryngology, Course 4638-1, 101st Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Francisco, CA (Sole Presenter).
- 09/1997 Cranial Base Approaches to Posterior Circulation Aneurysms, Fall Meeting, New England Neurosurgical Society, Rockport, ME (Co-Presenter).
- 06/1997 Surgical Management of Trigeminal Neurinomas, Spring Meeting, New England Neurosurgical Society, Boston, MA (Co-Presenter).
- 04/1997 Lateral Approaches to the Skull Base, Breakfast Seminar No. 217, 65th Annual Meeting, American Association of Neurological Surgeons, Denver, CO (Sole Presenter).
- 03/1997 Contemporary Techniques in Cranial Base Surgery, Egyptian Society of Neurological Surgeons 18th Annual Meeting, Cairo, EG (Invited Speaker).
- 03/1997 Surgical Approaches to the Cavernous Sinus, 18th Annual Meeting, Egyptian Society of Neurological Surgeons, Cairo, EG (Invited Speaker.)
- 04/1996 Lateral Approaches to the Skull Base, Breakfast Seminar No. 201, 64th Annual Meeting, American Association of Neurological Surgeons, Minneapolis, MN (Sole Presenter).
- 04/1996 Microsurgical Anatomy of the Basilar Artery Perforators, Breakfast Seminar No. 324, 64th Annual Meeting, American Association of Neurological Surgeons, Minneapolis, MN (Sole Presenter).
- 04/1996 Selection of Surgical Approach for Lesions of the Anterior Cranial Base: Anatomical Considerations, Annual Meeting, American Association of Neurological Surgeons, Minneapolis, MN (Co-Presenter).
- 04/1996 Heads-Up Virtual Display for Neurosurgery, Annual Meeting, American Association of Neurological Surgeons, Minneapolis, MN (Co-Presenter).
- 04/1995 The Surgical Management of Trigeminal Neurinomas, 63rd Annual Meeting, Scientific Session IV, American Association of Neurological Surgeons, Orlando, FL (Co-Presenter).

- 04/1995 Lateral Approaches to the Skull Base, Breakfast Seminar No. 201, 63rd Annual Meeting, American Association of Neurological Surgeons, Orlando, FL (Sole Presenter).
- 04/1995 Neurotopographic Considerations in the Microsurgical Treatment of Small Acoustic Neurinomas, 63rd Annual Meeting, American Association of Neurological Surgeons, Orland, FL (Co-Presenter).
- 04/1995 A Prospective Analysis of Cardiac Performance Enhancement and Cerebral Blood Flow During Hypervolemic Therapy, Annual Meeting, American Association of Neurological Surgeons, Orlando, FL (Co-Presenter).
- 04/1995 Management of Anterior Skull Base Neoplasms: Interdisciplinary Management, Surgical Strategy, and Results, Annual Meeting, American Association of Neurological Surgeons, Orlando, FL (Co-Presenter).
- 09/1994 Skull Base Surgery Course, Biannual Meeting, South African Neurosurgical Society, Cape Town, South Africa.
Details: Invited guest faculty
- 04/1994 The Transfacet Approach for Herniated Thoracic Discs, Annual Meeting, American Association of Neurological Surgeons, San Diego, CA (Co-Presenter).
- 10/1993 Extradural Temporopolar Approach to the Infrachiasmatic and Upper Clival Region, International Workshop on Advanced Skull Base Surgery, Los Angeles, CA (Sole Presenter).
- 10/1993 Cardiac Performance Enhancement Resultant from Dobutamine in Patients Refractory to Hypervolemic Therapy for Cerebral Vasospasm, 43rd Annual Meeting, Congress of Neurological Surgeons, Vancouver, British Columbia, CA (Co-Presenter).
- 10/1993 Microsurgical Anatomy of the Inner Surface of the Petrous Bone: Neuroradiologic and Morphometric Analysis as an Adjunct to the Retrosigmoid Transmeatal Approach, International Congress of Neurological Surgery, Acapulco, MX (Co-Presenter).
- 06/1993 Transmastoid Keyhole Microsurgery for Cerebellopontine Angle Lesions, 1st International Congress on Minimally Invasive Techniques in Neurosurgery, Wiesbaden, GM (Co-Presenter).
- 06/1993 Extradural Temporopolar Approach to Lesions of the Infrachiasmatic Region and Upper Basilar Artery, 1st International Congress on Minimally Invasive Techniques in Neurosurgery, Wiesbaden, GM (Co-Presenter).

- 04/1993 Combined Infralabyrinthine Transmastoid and Extreme Lateral Inferior Transcondylar Exposure to Lesions of the Craniovertebral Junction, 28th Annual Scientific Meeting, American Neurotology Society, Los Angeles, CA (Co-Presenter).
- 04/1993 Extradural Temporopolar Approach to Lesions of the Infrachiasmatic and Upper Clival Regions, Annual Meeting, American Association of Neurological Surgeons, Boston, MA (Co-Presenter).
- 02/1993 Direct Microsurgical Approach to Vascular Lesions of the Cavernous Sinus: Experience with 95 Cases, Annual Meeting, North American Skull Base Society, Scottsdale, AZ (Sole Presenter).
- 02/1993 The Rhomboid Approach to Aneurysms of the Midbasilar Artery, Fourth Annual Meeting, North American Skull Base Society, Scottsdale, AZ (Co-Presenter).
- 02/1993 Extradural Temporopolar Approach to Basilar Top Aneurysms, Fourth Annual Meeting, North American Skull Base Society, Scottsdale, AZ (Co-Presenter).
- 11/1992 The Rhomboid Approach to the Petroclival and Posterior Cavernous Sinus Region: Definition, Morphometric Analysis and Application to Surgical Strategy, Annual Meeting, Congress of Neurological Surgeons, Washington, DC (Co-Presenter).
- 07/1992 Anatomical Approaches to Skull Base Microsurgery, Balboa Interdisciplinary Skull Base Seminar, US Naval Hospital, San Diego, CA (Sole Presenter).
- 04/1992 Rhomboid Approach to the Petroclival Region, 1992 Annual Meeting, Practical Clinic XIV, Temporal Bone Anatomy and Surgical Dissection, American Association of Neurological Surgeons, San Francisco, CA (Sole Presenter).
- 12/1991 Microsurgical Anatomy of the Superior Surface of the Petrosa: Application to an Extended Middle Fossa Approach, First Annual USC Skull Base Surgery Seminar, Los Angeles, CA (Sole Presenter).
- 10/1989 The Effect of Acetate and Ethanol on Adenosine Efflux in Rat Cerebral Microvascular Endothelial Cells and C6 Glioma Cells, Annual Meeting, The American Physiological Society, Minneapolis, MN (Co-Presenter).
- 08/1986 Dose-Dependent Inhibition of Theophylline Metabolism by Disulfiram in Recovering Alcoholics, Medical Science Research Training Program Annual Conference, University of Washington School of Medicine, Seattle, WA (Sole Presenter).

Service:

Administrative Responsibilities:

7/2015-present	Director	Neuroscience Service Line, University of Arkansas for Medical Sciences
4/2010-present	Chairman	Department of Neurosurgery, University of Arkansas for Medical Sciences
4/2010-7/2015	Program Director	Neurosurgical Residency Training Program, University of Arkansas for Medical Sciences
1/2009-3/2010	Medical Director	UTHSCSA Neurosurgery, St. Luke's Medical Center Neurosurgical Service
7/2008-3/2010	Associate Program Director	Neurosurgical Residency Training Program, University of Texas Health Science Center at San Antonio
7/2008-3/2010	Vice Chair for Academic Affairs	UTHSCSA Medical Student Neurosurgical Rotation Coordinator

Service to the Institution:

2017 – 2019	Faculty Promotion and Tenure Committee, University of Arkansas for Medical Sciences
2017	Neurology Chair Search Committee, University of Arkansas for Medical Sciences
2016	Otolaryngology—Head and Neck Surgery Chair Search Committee, University of Arkansas for Medical Sciences
7/2016-Present	Neuroscience Service Line Quality Committee
10/2016-Present	Chair, Physician Compensation Committee – University of Arkansas for Medical Sciences, College of Medicine
7/2015-Present	Service Line Directors Council – University of Arkansas for Medical Sciences, Integrated Clinical Enterprise
2015-Present	Chair, Clinical Competency Committee, Department of Neurosurgery – University of Arkansas for Medical Sciences

2015-Present	Chair, Program Evaluation Committee, Department of Neurosurgery – University of Arkansas for Medical Sciences
2014-2015	Clinical Excellence Council – University of Arkansas for Medical Sciences
2013	Co-Chair, Radiology Chair Search Committee
4/2010-Present	Council of Department Chairman – University of Arkansas for Medical Sciences
4/2010-Present	Hospital Medical Board - University of Arkansas for Medical Sciences
4/2010-Present	Interventional Services Committee – University of Arkansas for Medical Sciences
1/2009-3/2010	Quality Assurance and Peer Review, St. Luke's Baptist Hospital, San Antonio, TX
7/2008-3/2010	Physician Leadership Council, St. Luke's Baptist Hospital, San Antonio, TX
1/2008-3/2010	University Hospital Inpatient Surgical Quality Assurance Committee, San Antonio, TX
6/2006-6/2007	Quality Assurance and Peer Review, Swedish Medical Center, Englewood, CO

Service to the Profession:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
05/2016-2019	National	American Association of Neurological Surgeons	Membership Committee
08/2015 -Present	International	<i>Chinese Journal of Minimally Invasive Neurosurgery</i>	Editorial Board
09/2009-2010	International	Global Advisory Panel for <i>World Neurosurgery</i>	Advisory Board Member
04/2009-2010	State	Texas Medical Board Expert Panelist	Consultant

12/2008-03/2011	Local	St. Luke's Baptist Hospital Quality Assurance Committee	Member
08/2008-03/2011	Local	St. Luke's Baptist Hospital Physician Leadership Council	Member
04/2008-03/2011	National	Texas Delegate to Council of State Neurosurgical Societies	Delegate

Appointed Delegate for the state of Texas to the Council of State Neurosurgical Societies. This organization is tasked with developing solutions for socioeconomic issues that involve neurosurgery on a national level. Two annual meetings yearly are attended.

10/2003-10/2003	International	Guest Editor, 'Neurosurgical Focus, The Journal of Neurosurgery'	Guest Editor
01/2001-01/2002	National	Credentials Committee, North American Skull Base Society	Member
01/2000-01/2001	National	Scientific Program Committee, Congress of Neurological Surgeons	Ad Hoc Member
01/2000-2010	International	Principal Editor, Operative Nuances Section, 'Neurosurgery'	Editor
01/2000-Present	International	Ad Hoc Reviewer, 'Skull Base: An Interdisciplinary Approach'	Ad Hoc Reviewer
01/1999-2010	International	Editorial Board Member for 'Neurosurgery'	Editorial Board Member
01/1996-Present	International	Ad Hoc Reviewer for 'Neurosurgery'	Ad Hoc Reviewer
07/1995-07/1998	National	Education Committee, Congress of Neurological Surgeons	Member

Service to the Public:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
04/2003-02/2004	Health Education	Stroke Screening for AHA	Director

Directed volunteer staff for AHA Stroke Screenings at public events in the Pittsburgh area, such as at Pittsburgh Pirate games, Heartwalk event, and senior citizen centers.

06/2002-01/2004 Health Education Western PA Stroke Council of the Committee Member
AHA

Member of the local stroke council, EMS subcommittee in charge of organizing EMS response to stroke in the greater Pittsburgh area.