



NAME: **Peter McIntyre Shedden**
BSc., MSc., M.D., FRCS(C), FACS, FAANS

Present Title: President, The Greater Houston Neurosurgery Center, P.A.
President, The Greater Houston Foundation for Research and Education 501(c)3
Chief of Neurosurgery, CHI St. Luke's The Woodlands Hospital
Medical Director, CHI St. Luke's The Woodlands Hospital
Neuroscience Center

Date of Birth: February 23, 1958

Place of Birth: Toronto, Ontario, Canada

Citizenship: American

Office Address: The Greater Houston Neurosurgery Center, P.A.
9200 New Trails Drive, Suite 100
The Woodlands, Texas 77381
281-364-9509

Spouse: Megan

Children: Brittney, Meredith, Kendall, Graham and Blair

EDUCATION

Pre University:

Sept. 1972 - June 1977 Kipling Collegiate Institute, Etobicoke, Ontario

Sept. 1969 - June 1972 Dixon Grove Middle School, Etobicoke, Ontario

Sept. 1963 - June 1969 Richview Public School, Etobicoke, Ontario

Undergraduate Training:

Sept. 1977 - May 1981 Bachelor of Science (BSc.), Major in Physiology,
University of Toronto, Toronto, Ontario, Canada



GRADUATE TRAINING:

- Sept. 1981 - Sept. 1984** Master of Science (MSc.), Department of Anatomy
University of Toronto, Toronto, Ontario, Canada
- Sept. 1982 - May 1986** Doctor of Medicine (M.D.), Faculty of Medicine,
Queen's University, Kingston, Ontario, Canada

POSTGRADUATE TRAINING:

Residency

- July 1987 - Dec. 1991** Neurosurgical Residency Program, Department of Surgery,
Division of Neurosurgery, University of Toronto, Toronto,
Ontario, Canada
- Professor and Directors:** Dr. Alan Hudson
Dr. Charles Tator

RESIDENCY TRAINING:

- July 1991 - Dec. 1991** Cerebrovascular and Trauma Fellowship, St. Michael's Hospital,
Toronto, Ontario
Trauma Team Leader for St. Michael's Trauma Service
- Jan. 1991 - June 1991** Neuropathology Rotation, R5, Toronto, Ontario
- July 1990 - Dec. 1990** Senior Resident, Neurosurgical Resident, R5, Toronto Hospital
Toronto Western Division, Toronto Ontario
- Jan. 1990 - June 1990** Senior Resident, Neurosurgical Resident, R4, St. Michael's
Hospital, Toronto, Ontario
- Oct. 1989 - Dec. 1989** Senior Resident, Neurosurgical Resident, R4, Hospital for
Sick Children, Toronto, Ontario
- July 1989 - Sept. 1989** Intensive Care Rotation, R4, St. Michael's Hospital,
Toronto, Ontario
- Jan. 1989 - June 1989** Senior Resident, Neurosurgical Resident, R3, Toronto
General Hospital, Toronto, Ontario



- July 1988 - Dec. 1988** Junior Resident, Neurosurgical Resident R3, Sunnybrook Medical Center and Regional Trauma Unit, North York, Ontario
- Apr. 1988 - June 1988** Neuroradiology Rotation, R2, University Hospital, London, Ontario Dr. Allen Fox
- Jan. 1988 - March 1988** Neurology Rotation, R2, Toronto Western Hospital, Toronto, Ontario
- July 1987 - Dec. 1987** Junior Resident, Neurosurgical Resident, R3, St. Michael's Hospital, Toronto, Ontario

INTERNSHIP

- June 1986 - June 1987** Toronto Western Comprehensive Surgical Internship Hospital, Toronto, Ontario, Canada

Fellowship Neurosurgery/Surgery:

- Sept. 1991** Fellow of The Royal College of Physicians and Surgeons of Canada FRCS(C)
- Nov. 1997** Board Certified by the American Board of Neurological Surgeons
- 2003** Fellow of the American College of Surgeons (FACS)
- July 2010** Fellow of the American Association of Neurological Surgeons (FAANS)

EMPLOYMENT HISTORY

- Jan 1992 - Dec 1992** Assistant Professor of Neurosurgery
The University of Texas Health Science Center, Houston
Department of Neurosurgery
6431 Fannin, Suite 7.148
Houston, Texas 77030
- Jan 1993 - Dec 1996** Clinical Assistant Professor of Neurosurgery
Texas Center For Neurosurgery
Department of Neurosurgery
6410 Fannin, Suite 1020
Houston, Texas 77030



Jan 1997 - Present

Director of The Greater Houston Neurosurgery Center, P.A.
9200 New Trails Drive, Suite 100
The Woodlands, Texas 77381

2010 – Present

Medical Director, CHI St. Luke's The Woodlands Hospital
Developed: 1) Gamma Knife Program 2011 - present
2) Primary Stroke Program 2011 - 2013
3) Comprehensive Stroke Program 2014 – present
4) Comprehensive Neurosurgical Service 2009 - present

HOSPITAL PRIVILEGES:

Houston Northwest Medical Center, Houston, Texas
Memorial Hermann The Woodlands Hospital,
The Woodlands, Texas
Tomball Regional Hospital, Tomball, Texas
CHI St. Lukes Hospital The Woodlands, The Woodlands, Texas
CHI St. Luke's Lakeside Hospital, The Woodlands, Texas
CHI St. Luke's Vintage Hospital, Houston, Texas

CERTIFICATION/LICENSURE:

Fellow of the Royal College of Physicians and Surgeons of Canada
Subspecialty Neurosurgery FRCS(C) 1991
Board Certified by the American Board of Neurological Surgery
November 1997
Fellow of the American College of Surgeons FACS 2003
Fellow of the American Association of Neurological Surgeons (FAANS)
College of Physicians and Surgeons of Ontario - 57204
Medical Council of Canada - 65196
Medical Board of California - G 073394
Texas State Board of Medical Examiners - J1040
LMCC 1996
National Boards (I, II, III)
Spex 1991
Medical Jurisprudence (Texas) 1992
Medical Board of Colorado - 41099

PROFESSIONAL AFFILIATIONS:

Council of State Neurological Societies (CSNS)
American Association of Neurological Surgeons (AANS)



PROFESSIONAL AFFILIATIONS:

Cont'd

Congress of Neurological Surgeons (CNS)
Fellow of the Royal College of Physicians and Surgeons of Canada
Fellow of the American Association of Neurological Surgeons (FAANS)
Harris County Medical Society
Ontario Medical Association
Texas Medical Association
Texas Association of Neurosurgical Surgeons
Houston Neurological Society

POSITIONS HELD:

Chief of Surgery CHI St. Luke's Lakeside Hospital	2013 - present
Chief of Neurosurgery CHI St. Luke's The Woodlands Hospital	2010 - present
Medical Director Neuroscience Department CHI St. Luke's The Woodlands Hospital	2010 - present
Treasurer Texas Association of Neurological Surgeons	2008- 2011
TANS Representative to The Governor's EMS and Trauma Advisory Council Texas Association of Neurological Surgeons	2007 - 2008
Chairman Department of Surgery, Memorial Hermann The Woodlands Hospital	2004 – 2008
Chairman of Operating Room Committee Memorial Hermann The Woodlands Hospital	2004 – 2008
Chairman of Surgical Subspecialties Committee Houston Northwest Medical Center	2004 2005
Past President Texas Association of Neurological Surgeons	2005 – 2006
President Texas Association of Neurological Surgeons	2004 – 2005



President Elect Texas Association of Neurological Surgeons	2003 – 2004
Secretary Texas Association of Neurological Surgeons	2001 – 2003
Vice President Texas Association of Neurological Surgeons	2000 – 2001
CSNS Delegate Council of State Neurological Societies	2000 - present
TANS Representative to TMA Interspecialty Society Texas Association of Neurological Surgeons	1999 – 2012

ACADEMIC/COMMUNITY POSITIONS:

President: The Greater Houston Foundation for Medical Research and Education	1997 – present
Director: The Houston Chapter for ThinkFirst	1997 – present
Member of the Faculty of Health Sciences Campaign Cabinet Queen’s University, Faculty of Health Sciences, Kingston, Ontario, Canada	2014 - present
Member of the Advisory Council for Texas Children’s Hospital, The Woodlands, TX	

HONORS AND AWARDS:

Nominated Physician of the Year CHI St. Luke’s The Woodlands Hospital	2013
Interfaith of The Woodlands Service of Excellence Award for Healthcare	March 2011



Nominated Physician of the Year Memorial Hermann The Woodlands Hospital	December 2005
A.W. Harrison Resident Teaching Award, Sunnybrook Medical Center	Dec. 1988
Adiel Steacy Memorial	Sept. 1985
Dr. G.H. Ettinger Testimonial Bursary James H. Rattray Memorial Bursary	Sept. 1984
Adiel Steacy Memorial	Sept. 1983
Adiel Steacy Memorial	Sept. 1982
Ontario Graduate Scholarship	Feb. 1982
University of Toronto Open Fellowship	Sept. 1981
Ontario Scholarship General Proficiency Award	June 1977

SCHOLARSHIP DEVELOPMENT:

The Margaret and William Shedden Medical Scholarship
Queen's University, Faculty of Health Sciences
Kingston, Ontario, Canada 2014

PUBLICATIONS:

Thesis:

Shedden, P.M.: The structure of secondary neurulation in the golden Syrian hamster. Defended at the University of Toronto, Toronto, Ontario, Canada, September 1984. Master of Science Degree (MSc.) granted for this thesis and course work.

Original Referred Articles:

1. Shedden, P.M.: Case study: Explanted ACDF Cage 4 Weeks Postoperative Demonstrating Solid Bone Formation With Trinity Evolution. In preparation.



2. Back, A.G., Vollmer, D.G., Zeck, O., Shkedy, C., Shedden, P.M.: A report of the use of embolization followed by staged gamma knife radiosurgery for the treatment of a large AVM in a 12 year old boy. *Can. J. Neurol. Sci.* 36: 500-503, 2009.
3. Vargas, D., Back, A.G., Shedden, P.M.: The use of rhBMP-2 to achieve posterior cervical fusion without internal fixation: report of three cases in adults. *Internet Journal of Spine Surgery*. Vol. 4(2).
4. Back, A.G., Vollmer, D.G., Zeck, O., Shkedy, C., Shedden, P.M.: Retrospective Analysis of Unstaged and Staged Gamma Knife Radiosurgery With and Without Preceding Embolization for the Treatment of Arteriovenous Malformations (AVMs). *J. Neurosurg.* 109 Suppl: 57 – 64, 2008.
5. Morgenstern, L.B., Frankowski, R.F., Shedden, P.M., Pasteur, W., Grotta, J.C.: Surgical treatment for intercerebral hemorrhage (STICH): a single center, randomized clinical trial. *Neurology*, Nov; 51(5): 1359-1363, 1998.
6. Chui, D., Shedden, P.M., Bratitina, P., Grotta, J.: Clinical features of Moyamoya Disease in the United States. *Stroke* 29: 1347-1351, 1998.
7. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Somatosensory evoked potentials and intracranial pressure in severe head injury. *Can. J. Neurol. Sci.* 21: 219-226, 1994.
8. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Somatosensory evoked potential monitoring following severe closed head injury. *Clin. Invest. Med.*, 17(3): 187-195, 1994.
9. Baker, A.J., Moulton, R.J., MacMillan, V.H., Shedden, P.M.: Excitatory amino acids in cerebrospinal fluid following traumatic brain injury in humans. *J. Neurosurg.* 79:373-378, 1993.
10. Cusimano, M.D., Shedden, P.M., Hudson, A. R., Bilbao, J.M.: Arteriovenous malformation of the piriformis muscle manifesting as a sciatic nerve tumor. *Neurosurgery* 31: 151-153, 1992.
11. Shedden, P.M., Moulton, R.J., Sullivan, I., Hotz, G., Tucker, W.S., Muller, P.J.: Effect of population characteristics on head injury mortality. *Pediatric Neurosurg* 16: 203-207, 1990-91.
12. Shedden, P.M., Wiley, M.J.: Early stages of development in the caudal neural tube of the golden Syrian hamster (*Merocricetus auratus*). *Anat. Rec.*, Oct; 219(2): 180-185, 1987.
13. Saunders, F.W., Shedden, P.M.: Diltiazem: Possible hematologic complications. *Surg. Neurol.* 25: 82-84, 1986.
14. Saunders, F.W., Shedden, P.M.: The carotid siphon: A scanning electron microscope assessment of its embolic potential. *Can. J. Neurol. Sci.* 12(3), 1985.

Papers Read at Scientific Meetings:**International:**

1. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Comparison of a quantitative measure of somatosensory evoked potentials and Glasgow outcome scores in severe head injury. Joint Section on Neurotrauma and Critical Care Workshop: Symposium: “What’s New in Neurotrauma?” Annual Meeting of the Congress of Neurological Surgeons. Vancouver, British Columbia, Canada, October 4, 1993.
2. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: The relationship of intracranial pressure to neurologic deterioration: A study using a quantitative somatosensory evoked potential measurement. The Second International Neurotrauma Symposium, Glasgow, Scotland, July 4-9, 1993.
3. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Comparison of a quantitative measure of somatosensory evoked potentials and Glasgow outcome scores in severe head injury. Canadian Congress of Neurological Sciences, Toronto, Ontario, Canada, June 1993.
4. The Fifteenth Annual Meeting of the European Neuroscience Association – Satellite Symposium. “Stimulation of Brain Repair.” Overview of Clinical Trails in Human Traumatic Brain Injury. Wildbad – Kreuth (Tegernsee) Germany. September 1992.
5. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Somatosensory evoked potential monitoring following severe closed head injury. Canadian Critical Care Society, Ottawa, Ontario, September 1992.
6. Baker, A.J., Moulton, R.J., Shedden, P.M., MacMillan, V.H.: Excitatory Amino Acids in Cerebrospinal Fluid after Severe Closed Head Injury. Canadian Congress of Neurological Sciences, Winnipeg, Manitoba, June 1992.
7. Moulton, R.J., Shedden, P.M.: Transcranial Oxygen Extraction Following Severe Head Injury. Canadian Congress of Neurological Sciences, Winnipeg Manitoba, June 1992.

National:

1. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Somatosensory evoked potential monitoring following severe closed head injury. Tenth Annual Neurotrauma Symposium, Anaheim, California. October 1992.
2. Shedden, P.M.: Management of Severe Head Injury. Panel and discussion. The Congress of Neurological Surgeons. November 2, 1992. Washington, D.C., U.S.A.

3. Shedden, P.M., Moulton, R.J., Tucker, W.S., Muller, P.J.: The relationship between intracranial pressure and neurological deterioration in severely head injured patients. The American Association of Neurological Surgery, San Francisco, California, April 1992.

Abstracts:

1. Back, A.G., Vollmer, D.G., Zeck, O., Shkedy, C., Shedden, P.M.: Staged Gamma Knife Radiosurgery for the treatment of large arteriovenous malformations. Leksell Gamma Knife Society 14th International Meeting. Quebec, Canada, May 2008.
2. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Comparison of a quantitative measure of somatosensory evoked potentials and Glasgow Outcome Scale in severe head injury. Congress of Neurological Surgeons. Vancouver, Canada, Oct., 1993.
3. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: The relationship of intracranial pressure to neurologic deterioration. A study using quantitative somatosensory evoked potential measurement. The 2nd International Neurotrauma Symposium. Glasgow, Scotland, July 4-9, 1993.
4. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Comparison of a quantitative measure of somatosensory evoked potentials and Glasgow outcome scores in severe head injury. XXVIIIth Meeting of the Canadian Congress of Neurological Sciences, Toronto, Ontario, Canada, June 1993.
5. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: The relationship between intracranial pressure and neurologic deterioration in severe head injury: A study using a quantitative somatosensory evoked potential measurement. *Journal of Trauma* 30(10): S58, 1993.
6. Konasiewicz, S.J., Moulton, R.J., Shedden, P.M.: Comparison of a quantitative measure of somatosensory evoked potentials and Glasgow Outcome Scores in severe head injury. *Can. J. Neurol. Sci.* 20(2): S64, 1993.
7. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Evoked potential monitoring following severe closed head injury. *Clin. Invest. Med., Suppl.* 15(4): A24, 1992.
8. Baker, A.J., Moulton, R.J., Shedden, P.M., MacMillan, V.H.: Excitatory amino acids in cerebrospinal fluid after severe closed head injury. *Can. J. Neurol. Sci.* 19(2): 277, 1992.
9. Moulton, R.J., Shedden, P.M.: Transcranial oxygen extraction following severe head injury. *Can. J. Neurol. Sci.* 19(2): 277, 1992.
10. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Somatosensory evoked potential monitoring following severe closed head injury. Tenth Annual Neurotrauma Symposium, Anaheim, California, Oct. 1992.

11. Moulton, R.J., Shedden, P.M., Tucker, W.S., Muller, P.J.: Somatosensory evoked potential monitoring following severe closed head injury. Canadian Critical Care Society, Ottawa, Ontario, Sept. 1992.
12. Shedden, P.M., Muller, P.J., Tucker, W.S., Moulton, R.J.: Increase in age of patients with histologically proven brain tumors. XXVIIth Meeting of the Canadian Congress of Neurological Sciences, Winnipeg, Manitoba, Canada, June 1992.
13. Baker, A.J., Moulton, R.J., Shedden, P.M., MacMillan, V.H.: Excitatory amino acids in cerebrospinal fluid after severe closed head injury. Accepted for poster section, XXVIIth Meeting of the Canadian Congress of Neurological Sciences, Winnipeg, Manitoba, Canada, June 1992: 19(2): pp278.
14. Moulton, R.J., Shedden, P.M.: Transcranial oxygen extraction following severe head injury. Accepted for poster section, XXVIIth Meeting of the Canadian Congress of Neurological Sciences, Winnipeg, Manitoba, Canada, June 1992: 19(2): pp277.
15. Shedden, P.M., Muller, P.J., Tucker, W.S., Moulton, R.J.: Increase in age of patients with histologically proven brain tumors. Fifth Canadian Neuro-Oncology Meeting, Huntsville, Ontario, Canada, June 1992.
16. Shedden, P.M., Moulton, R.J., Tucker, W.S., Muller, P.J.: The relationship between intracranial pressure and neurologic deterioration in severely head-injured patients. Accepted for poster section, American Association of Neurological Surgeons, San Francisco, Calif. April 1992.
17. Shedden, P.M., Wiley, M.J.: The early stages of secondary neurulation in the golden Syrian hamster. Presented at the Joint 1985 Meeting of American and Canadian Association of Anatomists.

Non-Medical Publications:

1. Shedden, P.M.: Impetus and stinger double winners in CYRA wrap-up. Canadian Yachting 7(1): 193, 1982.
2. Shedden, P.M.: Toy boat scores double victory. Canadian Yachting 7(1): 183-186, 1982.
3. Shedden, P.M.: Silver shadow second in Long Island series. Canadian Yachting 7(1): 182, 1982.
4. Shedden, P.M.: Custom 12 wins Port-Huron Mackinac. Canadian Yachting 6(12): 58, 1981.

5. Shedden, P.M.: Wildcard named Boat of the Year. Canadian Yachting 6(12): 58-61, 1981.
6. Shedden, P.M.: Doyle wins Richardson Cup after three year effort. Canadian Yachting 6(12): 57-62, 1981.
7. Shedden, P.M.: Bonaventure laps Boswell fleet in patchy breeze. Canadian Yachting 6(9): 84, 1981.
8. Shedden, P.M.: First Richardson trails pick Bratkiw match-race team. Canadian Yachting 6(9): 86, 1981.
9. Shedden, P.M.: Weather report frustrates sailors. Canadian Yachting 6(8): 60-61, 1981.
10. Shedden, P.M.: SORC discrepancy alters US Admiral's Cup team. Canadian Yachting 6(6): 78-80, 1981.
11. Shedden, P.M.: Southern circuit most sophisticated yet. Canadian Yachting 6(5): 80-88, 1981.
12. Shedden, P.M.: SORC entries gear up with fall series. Canadian Yachting 6(1): 181-184, 1981.
13. Shedden, P.M.: Richardson Cup returns to Lake Ontario. Canadian Yachting 5(12): 54-55, 58, 1980.
14. Shedden, P.M.: Old boats dominate new CYRA fleet. Canadian Yachting 5(12): 52, 57, 1980.
15. Shedden, P.M.: Canadian Alpha team third. Canadian Yachting 5(8): 57, 1980.
16. Shedden, P.M.: CYRA winner made the most of weather variety. Canadian Yachting 5(7): 82, 1980.

PRESENTATIONS:

Invited Visits to Hospitals and Universities

International:

1. The Mexican National Institute of Oncology. Neurological surgery for primary and secondary brain tumors and vascular abnormalities. May 28, 1992. Mexico City, Mexico.
2. The University of Toronto Neurosurgical Department City Wide Rounds. A Unique Presentation of a Traumatic Carotid Cavernous Fistula. Toronto Hospital, Toronto Western Division. Toronto, Ontario, Canada. September 28, 1990.

3. Trauma Grand Rounds at St. Michael's Hospital. Development of Delayed Traumatic Intracranial Hematomas. Toronto, Ontario, Canada. March 1990.

National:

1. University of Texas Health Science Center – Nursing School
Invited Lecturer for Nurse Practitioner's Program Houston, TX June 2014
 - i) Seizures in Neurosurgery
 - ii) Neurosurgical Management of Cerebrovascular Disease
 - iii) Overview of Brain Tumors
 - iv) Minimally Invasive Brain Surgery
2. University of Texas Health Science Center – Nursing School
Invited Lecturer for Nurse Practitioner's Program Houston, TX June 2013
 - i) Seizures in Neurosurgery
 - ii) Neurosurgical Management of Cerebrovascular Disease
 - iii) Overview of Brain Tumors
 - iv) Minimally Invasive Brain Surgery
3. Tomball Regional Medical Center
Stroke Assessment for the EMS: The impact of pre-hospital intervention
Tomball, TX May 2013.
4. Live Global Webcast featuring the Resection of a Meningioma. Department of Surgery.
Memorial Hermann The Woodlands Hospital. The Woodlands, Texas. April 13, 2006.
5. Summary of Current Technologies and Case Reviews: Anterior Fixation Options.
Museum of Modern Spinal Surgery. Cervical Current Technology/Disc Focus Meeting.
Memphis, Tennessee.
February 22, 2006.
6. Subarachnoid Hemorrhage and Vasospasm. General Surgery Grand Rounds.
Department of Surgery. The University of Texas Health Science Center at Houston.
Hermann Hospital, Houston, TX.
August 28, 1993.
7. Management of Vasospasm and the Role of Urokinase. Department of Neurosurgery,
The University of Texas Health Science Center at Houston. Houston, TX. March 9,
1993.
8. Management of the Head Injured Patient. Tomball Emergency Room Physicians.
Tomball Regional Medical Center. Tomball, TX. August 16, 1993.

9. The Management of Subarachnoid Hemorrhage and Intraventricular Hemorrhage with the use of Urokinase. Houston Emergency Room Medicine Meeting, Houston, TX. March 9, 1993.
10. Urokinase in Subarachnoid and Intraventricular Hemorrhage. Stroke Conference, University of Texas Health Science Center. Houston, TX. January 26, 1993.
11. Management of Subarachnoid Hemorrhage. Neurosurgical Critical Care Unit Nurses Teaching Course. Hermann Hospital, Houston, TX. January 19, 1993.
12. Lecturer for the Hermann Hospital Trauma Nurse Workshop. "Head and Spinal Cord Injuries." Houston, TX. November 20, 1992.
13. Lecture at Doctors Hospital Physicians Monthly Meeting. "Management of Subarachnoid Hemorrhage." Conroe, TX. October 12, 1992.
14. University of Texas Health Science Center at Houston. Giant Intracranial Aneurysms. Neurology and Neurosurgery Ground Rounds. Houston, TX. July 24, 1992.
15. Lecture to the Montgomery County Employers for Doctors Hospital Medworks Program, Titled "Back Talk". Conroe, TX. June 26, 1992.
16. Subarachnoid Hemorrhage and Brain Tumors. General Surgery Grand Rounds. Department of Surgery. The University of Texas Health Science Center at Houston. Hermann Hospital. Houston, TX. March 11, 1992.

Informal Lectures:

Normal Pressure Hydrocephalus. Houston Neurological Society. February 2013.

Gamma Knife; It's Role in Breast Cancer, St. Luke's The Woodlands Hospital. April 2012.

Advances in Neurological Medicine – Gamma Knife. The Woodlands, Texas. January 2011.

Assessment of the Neuro Patient. The Woodlands, Texas. April 2010.

Gamma Knife Brain Surgery Procedures – Technology for Non-Invasive Brain Surgery. The Woodlands, Texas. April 2010.

Lumbar Anatomy, Anterior Lumbar Procedures and Posterior Procedures. The Woodlands, Texas. March 24, 2009.

Preceptorship. Dallas, Texas. January 23, 2009.

Lumbar Anatomy, Anterior Lumbar Procedures and Posterior Procedures. Dallas, Texas. November 10, 2008.

Neuroscience Center at Memorial Hermann The Woodlands Hospital. Memorial Hermann The Woodlands Advisory Committee. The Woodlands, Texas. February 13, 2007.

The Tomball Hospital Neuroscience Center. Tomball Hospital Board of Directors. Tomball, Texas. July 27, 2005.

Neurosurgery, Spinal Surgery and the Future. Frisco, Texas. June 5, 2005.

Neurosurgery and the Emergency Room. Huntsville, Texas. February 24, 2005.

Spinal Surgeons, Spinal Surgery and the Future. Dallas, Texas. April 17, 2004.

Spinal Surgeons, Spinal Surgery and the Future. Memorial Hermann The Woodlands Hospital.
The Woodlands, Texas. March 11, 2004.

So Your Child Wants to be a Brain Surgeon., The Woodlands Rotary Club.
The Woodlands, Texas. January 22, 2004.

Neurosurgery at Memorial Hermann The Woodlands Hospital.,
Board of Directors. The Woodlands, Texas. December 9, 2003.

Neurosurgery at Memorial Hermann The Woodlands Hospital.,
Advisory Board. The Woodlands, Texas. December 2, 2003.

Making Sense of Spine Surgery, Houston, Texas. November 19, 2003.

Neuroscience Center. Hotel Sofitel, Houston, Texas. May 12, 2003.

Neurosurgery in Your Home Town. Jasper, Texas. December 8, 2002.

Memorial Hermann The Woodlands Hospital Neuroscience Lecture Series:

Infratentorial Meningiomas. December 2007.

Coagulopathy in Neurosurgery. December 18, 2006.

Neurological Evaluation of the Neurosurgical Patient. December 15, 2006.

Talk and Die. October 6, 2006.

Trigeminal Neuralgia. September 15, 2006.

The Surgical Management of Stroke. February 10, 2006.

Arachnoid Cysts in Children and Adults. January 20, 2006.

Spectrum of Infections in Neurosurgery Patients. July 22, 2005.

Irreversible Neurological Injury. June 3, 2005.

The Surgical Management of Stroke. April 8, 2005.

The Future of Spine Surgery. March 11, 2005.

Head Trauma. February 25, 2005.

Memorial Hermann The Woodlands Hospital Neuroscience Center. February 15, 2005.

Lumbar Disc Disease. February 11, 2005.

Cervical Disc Disease. January 14, 2005.

Gamma Knife – A Dedicated Radiosurgery Unit for Neurological Disorders
and Diseases.

November 12, 2004.

Brain Tumors. October 8, 2004.

Subarachnoid Hemorrhage and Vasospasm. September 24, 2004.

Subarachnoid Hemorrhage Secondary to AVM and Other. August 27, 2004.

Subarachnoid Hemorrhage. August 6, 2004.

Community Lectures:

Gamma Knife Technology as a Treatment for Brain Tumors.

St. Luke's The Woodlands Hospital. The Woodlands, Texas. October 2010.



Gamma Knife Surgery. Memorial Hermann The Woodlands Hospital.
The Woodlands, Texas. September 16, 2005.

Normal Pressure Hydrocephalus. Memorial Hermann The Woodlands Hospital.
The Woodlands, Texas. May 24, 2005.

COMMUNITY SERVICE:

Sponsor, Le Tour de Woodlands 2012, 2013, 2014

Member, South Montgomery County Chamber of Commerce

Member, The Woodlands Advisory Council to the Memorial Hermann Foundation
2000-2004

COURSES TAKEN:

2012 Cervical cages LDR

2003 Interactive Spine Course AO.ASIF
Quebec City, Quebec.

MEETINGS ATTENDED:

State:

Texas Association of Neurological Surgeons
2012, 2009, 2008, 2007, 2005, 2003, 2002

National:

Congress of Neurological Surgeons/Council of State Neurological Societies
2012, 2004, 2003, 2001

American Association of Neurological Surgeons/Council of State Neurological Societies
2012, 2007, 2004, 2003, 2002, 1999, 1998, 1995

NEUROSURGICAL SITE VISITS:

December 2013	Orthofix Spine – Posterior Stabilization Dallas, Texas
April 2004	VIP Visit, Medtronic Sofamor Danek Memphis, Tennessee
April 2004	Orthofix Spine Symposium Dallas, Texas

HOBBIES:

Sailing:

June 1977	Canada Cup Match Racing Trials Hamilton, Ontario
October 1977 & 1980	Pacific Challenge Match Racing Vancouver, British Columbia
September 1979	Richardson’s Cup – LYRA Youngstown, New York
October 1980 & 1981	Long Island Sound Fall Series Rye, New York
January 1981 & 1983	Southern Ocean Racing Conference Florida Chosen for Admiral’s Cup in England
June 1980	Onion Patch Series and Bermuda Race Selected for Sardina Cup in Italy

Skiing – Downhill

Wine Committee Chair Person 2004
Petroleum Club Houston, Texas

Curriculum Vitae Last updated: May 12, 2014