

CURRICULUM VITAE

Name: **Richard M. Lehman, M.D.** 2016

Present Position: Volunteer Teacher/Demonstrator Freshman Neuroanatomy Lab
College of Medicine (Neurosciences) MUSC, Charleston, SC.

Contact Address: 130 Gardeners Circle, PNB 103
Johns Island, S.C. 29455
843.819.7040 (Cell)

Certification: American Board of Neurological Surgery 11/4/69

Undergraduate Education: Princeton University
Princeton, New Jersey - 1958

Graduate Education: Temple University School of Medicine
Philadelphia, Pennsylvania - M.D. 1962
Honors: AOA, Babcock Surgical Society

Postgraduate Training: *Internship*, Bellevue Hospital,
Cornell Surgery - 1962-1963

Residency, Neurological Surgery
Temple University Hospital and St. Christopher's
Hospital for Children - 1963-1967

Clinical Fellowship,
Montreal Neurological Institute, Summer 1967

Spine Fellowship Service of Dr. Sanford Larson,
Medical College of Wisconsin
Milwaukee, Wisconsin, April 1990

Research and Clinical Fellowship in,
Epilepsy and Stereotactic Radiosurgery
Montreal Neurological Institute,
July 1, 1990 - June 30, 1991

Private Practice: Williamsport, Pennsylvania 1972 to 1980
Anchorage, Alaska 1980 to 1990 and
July 1991 to December 1991

Academic Appointments:

Associate Professor of Clinical Surgery
Division of Neurosurgery, Dept. of Surgery
UMDNJ-Robert Wood Johnson Medical School
New Brunswick, New Jersey
1992 - 1998

Professor of Neurosurgery
Division of Neurosurgery, Dept. Surgery
UMDNJ-Robert Wood Johnson Medical School
New Brunswick, New Jersey
1998 to 2009

Adjunct Professor
Department of Biomedical Engineering
Rutgers University
New Brunswick, New Jersey
1998 to 2009

Member - The Cancer Institute of New Jersey
New Brunswick, New Jersey
August 1996 – 2009

Professor of Clinical Neurosurgery, Dept. of Surgery,
Univ. South Carolina at Palmetto-Richland Hosp. Columbia, SC.
Nov. 2009-June 30, 2011.

Clinical Appointments: Adjunct Professor of Neurosurgery
University of Washington
Medical School, 1988-1991

Clinical Assistant Professor of Neurosurgery
Hahnemann Medical College, 1968-1972

Hospital Appointments: Palmetto Richland Hospital
USC Neurosurgery
Nov., 2009- June 30, 2011

Robert Wood Johnson University Hospital
New Brunswick, New Jersey
1992 - 2009

St. Peter's Medical Center
New Brunswick, New Jersey
1992 - 2004

The Medical Center at Princeton

Princeton, New Jersey
1992 - 2009

Jersey Shore Medical Center
Neptune, New Jersey
1996 - 2007

Raritan Bay Medical Center/Perth Amboy General Hospital
and Old Bridge Regional Hospital
Perth Amboy, New Jersey
1992 - 2009

United Hospitals Medical Center
Children's Hospital of New Jersey
Newark, New Jersey
7/12/93 - 1996

The Medical Center of Delaware
Wilmington Hospital
Christiana Hospital
Wilmington, Delaware
1992 - 1998

A.I. Dupont Institute of the Nemours Foundation
Wilmington, Delaware
1992 - 1998

Sacred Heart Hospital and Epilepsy Center
Allentown, Pennsylvania
1994 - 1996

**Past Hospital
Appointments:**

Alaska Native Hospital PHS
Elmendorf USAF Hospital
Humana Hospital - (Chairman of Surgery 1983 - 1985)
Providence Hospital
Anchorage, Alaska
1980 - 1991

Fairbanks Memorial Hospital
Fairbanks, Alaska
1980 - 1991

Williamsport Hospital
Divine Providence Hospital
Williamsport, Pennsylvania

June 1972 - September 1980

Evangelic Hospital
Lewisburg, Pennsylvania
Soldiers & Sailors Hospital
Wellsboro, Pennsylvania
Lock Haven Hospital
State College Hospital
Clearfield Hospital
Dubois Hospital
June 1972 – September 1980

St. Mary's Hospital
Pennsylvania
June 1972 - September 1980

Hahnemann Medical College and Hospital
Germantown Hospital
St. Agnes Hospital
Westpark Hospital
St. Luke's Hospital
St. Joseph's Hospital
Philadelphia, Pennsylvania
October 1967 - June 1972

Licensure:

South Carolina State, MD32219 - Active
New Jersey State: MA 57547 – Inactive 6/30/115
New Jersey CDS: D56197 – Inactive 6/30/15

Inactive
Florida: ME 85429
Alaska: AA 1704
Delaware: C10003800
Pennsylvania: MD-007166-E
Washington: LE-HM-AR-M62167

**Professional
Organizations:**

American Association of Neurological Surgeons 4/72;
Spine, Tumor, Pediatric Sections 1977
NeuroTrauma and Critical care 10/93
Congress of Neurological Surgeons 3/68
Fellow of the American College of Surgeons 10/71
American Medical Association 1969-2010
American Society for Stereotactic and Functional Neurosurgery 1968-2013
European Society for Stereotactic and Functional Neurosurgery 1994-2012
World Society for Stereotactic and Functional Neurosurgery 1971-2013
Philadelphia College of Physicians 6/77
Philadelphia Neurological Society 10/69-80
Mid-Atlantic Neurological Society February 1972-1980
Medical Society of the State of New Jersey 1993-2009

New Jersey Neurosurgical Society 1993-2009
Middlesex County Medical Society 1992
Alaska State Neurosurgical Society - President, 1984-1991
Joint Council State Neurosurgical Societies of the AANS/CNS 1986
Vice-Chairman of Manpower
Committee 1987 - 1990, Chairman 1991
American Epilepsy Society 1992-2012
Western Neurosurgical Society, 1986 to present (Now corresponding))
Fellow of the Academy of Medicine of New Jersey 5/93-7/09
Cancer Institute of New Jersey, August 1996 – 2009
Sierra Cascade Trauma Society, January, 2011 to present

PUBLICATIONS

Original Articles in Journals

1. Lehman, R.M.: Anterior Ectosylvian Ablations in the Cat. *Confinia Neurol.* 1965; 25:6,369-377.
2. Spiegel, E.A., Lehman, R.M.: Projection of the Labyrinth to Posterior Areas of the Cerebral Cortex, Disturbances of the Occipital Lobe. Eight International Congress of Neurology, Vienna, 1965:119-122.
3. Spiegel, E.A., Lehman, R.M.: Multiple Cortical Projections of the Labyrinth. Ed. Proc. 1965;24.
4. Spiegel, E.A., Wycis, H.T., Szekeley, E.G., Constantinovich, A., Egyrd, J.J., Gildenberg, P., Lehman, R.M., Werthan, M.: Role of the Caudate Nucleus in the Parkinsonian Bradykinesia. *Confinia Neurol.* 1965; 26:336-341. Second International Symposium of Stereencephalotomy. Copenhagen, 1965.
5. Lehman, R.M.: Variability Studies of the Caudate Nucleus. *Confinia Neurol.* 1967; 29:55-60.
6. Murtagh, F.M., Lehman, R.M.: Peritoneal Shunts in the Management of Hydrocephalus, *JAMA*, Dec. 1967, Volume 202 Number 11:98-102.
7. Lehman, R.M., Wolf, J.H., Jr.: The Anterior Approach in the Management of Cervical Spine Fractures and Fracture Dislocation. *Med. Journal of Germantown Hospital*, Oct. 1968.
8. Lehman, R.M.: Related Subthalamic Structures. International Symposium Stereencephalotomy. Nov.1972. *Confin. Neurol.* 34:200-209.
9. Lehman, R.M.: Consecutive Dandy-Walker Syndrome in Siblings. *Neurosurgery.* June 1981; 8:6, 717-719.
10. Lehman, R.M.: Gelastic Seizures, *Alaska Medicine.* 1983; 25:2.
11. Lehman, R.M.: What's New in Neurosurgery in the 1980's. *Alaska Medicine*, 1985; 27: 1.

12. Lehman, R.M., Hill, R.P.: CT-Directed Stereotaxis for Movement Disorder with Postoperative MRI Confirmation. *Applied. Neurophysiol.* 1988; 51:24-28.
13. Williams, J.D., Lehman, R.M.: Bells Against Palsy, Clinical Vignette: *The American Journal of Otolaryngology*, 1988; 9:1.
14. Lehman, R.M., Olivier, A., Moreau, J.J., Tampiere, D., Henri, C.: Use of the Callosal Grid System for Preoperative Identification of the Central Sulcus. *Stereotac. Funct. Neurosurg.* 1992; 58: 179-188.
15. Quesney, L.F., Rubiano, H., Lehman, R., Olivier, A.: Simultaneous Depth and Cortical EEG Recordings in Temporal Lobe Epilepsy. Proceedings of the MRI International Epilepsy Symposium. *Epilepsia*, 1992.
16. Kozodoy, R.L., Harrington, J.A., Zazanis, G.A., Nosko, M.G., Lehman, R.M.: Stereotactic CO₂ Laser Therapy of Hydrocephalus, in Cerullo, L.J., et al (eds.) *Clinical Applications of Modern Imaging Technology II, SPIE* 1994; 2132:52-56.
17. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for Cortical Localization, in Pasqualin, A. and DaPian, R. (eds.) *New Trends in Management of Cerebro-Vascular Malformation*, Proceedings of the International conference in Verona, Italy, June 8-12, 1992, Wien, New York Springer-Verlag, May 1994, Chapter on Intracranial Arteriovenous Malformations - Classification of Cerebral AVMs, 333-338.
18. Lehman, R.M.: Stereotactic Radiotherapy and Brachtherapy. *New Jersey Medicine*, 1994; 91-5:333-337.
19. Lehman, R.M., Andermann, F., Olivier, A., Tandon, P.N., Quesney, L.F., Rasmussen, T.: Seizure with onset in the Sensori-Motor Face Area. *Epilepsia*, 1994; 35-6.
20. Lehman, R.M., Mezrich, R., Sage, J., Golbe, L.: Peri and Post Operative MRI Localization of Pallidotomy Lesions. *Stereotac. Funct. Neurosurg.* 1994; 62 [1-4]:61-70.
21. Lehman, R.M., and Hyoungh-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid system for Localization. *Advances in Stereotactic and Functional Neurosurgery II*, 1995; 11. 64:79-82.
22. Lehman, R.M. and Horton, T.: The Surgical Treatment of Epilepsy: The Robert Wood Johnson Experience. *New Jersey Medicine*, June 1996.
23. Lehman, R.M.: Parkinson's Disease. *New Jersey Medicine*. 1997; 94 (1):10.
24. Lehman, R.M., Grunberg, B., Hall, and T.: Anterior Approach to the Cervicothoracic Junction: An Anatomic Dissection. *Journal of Spinal Disorders*, 1997; 10(1):33-39.

25. Lehman RM, Kumar R, Mezrich RS, Negin S: Frameless 3D Volume Registration of MR Data Sets For Stereotactic Pallidotomy. *Acta Neurochir [Suppl]* 1997; 68:29-36.
26. Lehman RM, Micheli-Tzanakou E, Medl A, Hamilton JL: Use of Semi-Microelectrode Recordings during Pallidotomy. *Stereotac. Funct. Neurosurg.* 1996-7; 67(1-2):152.
27. Lehman R.M., Micheli-Tzanakou E., Zheng J., Hamilton J.L.: Electrophysiological Recordings in Pallidotomy Localized to 3D Stereoscopic Imaging. *Stereotac Funct Neurosurg* 1999; 72(2-4):185-91.
28. Lehman, R.M., Zheng, J., Hamilton J.L., Micheli-Tzanakou, E.: Comparison of 3-D Stereoscopic MR Imaging with Pre and Post Lesion Recording in Pallidotomy. *Acta Neurochir* 2000;142(3):319-28.
29. Lehman, R.M., Micheli-Tzanakou, E., Medl, A., Hamilton, J.L.: Quantitative On-Line Analysis of Physiological Data for Lesion Placement in Pallidotomy. *Stereotac Funct Neurosurg* 2000; 75:1-15.
30. Lehman RM: A review of neurophysiological testing. *Neurosurg Focus* 16(4): Clinical Pearl 1, 2004.
31. Beetel R, Micheli-Tzanakou E, Lehman RM: EMG Recordings as a Measure of Parkinson's Treatment. *Acta. Neurochir.* 2004; 146(8):907-908.
32. Lehman RM: A review of neurophysiological testing. *Neurosurg Focus*, 16(4), 2004
33. Rhodes RH, Lehman RM, Wu BY, Roychowdhury S: Focal Chronic Epileptic Encephalopathy in a Patient with Malformations of Cortical Development, with a Review of the Spectrum of Chronic Inflammatory Epileptic Encephalopathy. *Epilepsia*, 48(6):1184-1202, 2007.
34. Lehman RM and Augustine JR: Evolution and Rebirth of Functional Stereotaxy in the Subthalamus. *World Neurosurgery*. Available online 24 May 2012; Journal Publication: 80 [5]: 521-533, November 2013.

CHAPTERS IN BOOKS

1. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for Cortical Localization, in Pasqualin, A. and DaPian, R. (eds.) *New Trends in Management of Cerebro-Vascular Malformation*, Proceedings of the International conference in Verona, Italy, June 8-12, 1992, Wien, New York Springer-Verlag, May 1994, Chapter on Intracranial arteriovenous Malformations - Classification of Cerebral AVMs, 333-338. See #15 in publications.
2. Kozodoy, R.L., Harrington, J.A., Zazanis, G.A., Nosko, M.G., Lehman, R.M.: Stereotactic CO₂ Laser Therapy of Hydrocephalus, in Cerullo, L.J., et al (eds) *Clinical Applications of Modern*

Imaging Technology II, SPIE Vol. 2132:52-56, 1994.

3. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid system for Localization. *Advances in Stereotactic and Functional Neurosurgery II*, Vol. 11. 64:79-82, 1995.
4. Quesney, L.F., Rubiano, H., Lehman, R.M., and Olivier, A.: Simultaneous Depth and Cortical EEG Recordings in Temporal Lobe Epilepsy in G. Pawlik, H. Stefan and T.Wiese(eds) *Multimethodological Assessment Of Localization-Related Epilepsy Focus Localization*. Berlin, Germany, Springer-Verlag, 1996, 164-182.
5. Lehman RM, Kumar R, Mezrich RS, Negin S: Frameless 3D Volume Registration of MR Data Sets for Stereotactic Pallidotomy. *Acta Neurochir. [Suppl.]*, Berlin, Germany, Springer-Verlag, 1997;68:29-36.

PRESENTATIONS

1. Spiegel, E.A., Lehman, R.M.: Cortical Projections of the Labyrinth. Proceedings of the International Symposium of the Vestibular and Oculomotor Problems. University of Tokyo, August 9-14: 1965.
2. Lehman, R.M.: Congenital Neurofibromatosis. Mid-Atlantic Neurosurgical Society. October 1969.
3. Lehman, R.M.: Surgical Symposium. Hahnemann Hospital. May 1972. Subarachnoid Hemorrhage.
4. Lehman, R.M., Hill, R.P., Vasileff, T.P.: Anterolateral Approach to Burst Fractures of the Thoracic and Lumbar Spine. Presented Western Neurosurgical Society Annual Meeting, Banff, Alberta, Canada, September 1987. *Neurosurg.* 1988.
5. Lehman, R.M., Hill, R.P.: Postoperative MRI Confirmation of CT Directed Thalamic and Subthalamic Lesion. Presented Western Neurosurgical Society Annual Meeting Sun Valley Idaho, September 1989, *Neurosurg.* 1990.
6. Lehman, R.M., Hill, R.P.: Postoperative MRI Confirmation of CT-Directed Thalamic and Subthalamic Lesions. Proceedings of the X Meeting World Society for Stereotactic and Functional Neurosurgery. Maebashi, Japan. October 1989. By Poster.
7. Quesney, L.P., Rubiano, H., Lehman, R.M., Olivier, A.: Combined Deep and Superficial Invasive Stereo-EEG. Presented Cologne, Germany. May 1991.
8. Lehman, R.M., Olivier, A., Moreau, J.J., Tampiere, D., Henri, C.: Use of the Callosal Grid System for Preoperative Identification of the Central Sulcus. Presented by Poster AANS April 1991 and IX European Congress. Moscow, Russia. June 1991, and by platform American Society for Stereotactic and Functional Neurosurgery. Pittsburgh, Pa. June 17, 1991.

9. Quesney, L.P., Rubiano, H., Lehman, R.M., Olivier, A.: Patterns of Seizure Onset and Spread in Temporal Lobe Epilepsy. American Epilepsy Society. Philadelphia. PA. December 1991. *Epilepsia*, Vol 32. Suppl. 3, 1991 -page 23.
10. Lehman, R.M., Andermann, F., Olivier, A., Tandon, P.N., Rasmussen, and T.: Seizure with Onset in the Sensori-Motor Face Area. American Epilepsy Society, Phila., Penna., December, 1991. *Epilepsia*, Vol 32. Suppl. 3, 1991 - page 26.
11. Olivier, A., Lehman, R.M.: Anatomical Studies of the Corpus Callosum. 2nd International Conference on Epilepsy and the Corpus Callosum. Dartmouth College, Hanover, N.H. August 14-16 1991.
12. Lehman, R.M., Pre-operative Anatomical Planning Western Neurosurgical Society. Sept. 1991.
13. Lehman, R.M., Use of the Callosal Grid System for the Pre and Post Operative Assessment of Resections in the Central Area. Abstract presented at the Annual Meeting of the American Association of Neurological Surgeons, April 1992.
14. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for Cortical Localization. New Trends in Management of Cerebro-Vascular Malformations Symposium. Verona, Italy, June 8-12, 1992.
15. Lehman, R.M.: Stereotactic Radiotherapy and Brachytherapy. Cancer Institute of New Jersey 1st Annual Scientific Retreat, June 9, 1993, Princeton, New Jersey. (Poster)
16. Lehman, R.M.: Poster, CT Reconstruction for Localization of Subdural Electrodes in Temporal Lobe Seizure Disorder: Anatomical and Electrophysiological Correlation. XXth International Epilepsy Congress in Oslo, Norway July 3-8, 1993. (Poster)
17. Lehman, R.M.: Peri and Post Operative MRI Localization of Pallidotomy. The World Society for Stereotactic and Functional Neurosurgery in Ixtapa, Mexico October 11-15, 1993.
18. Lehman, R.M., Mezrich, R., Sage, J. and Golbe, L.: Peri and Postoperative MRI Localization of Pallidotomy Lesions. Presented by Richard M. Lehman, M.D. by invitation at Chonbuk National University Hospital, Seoul, Korea, Nov. 18, 1993.
19. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for Cortical Localization. Presented by Richard M. Lehman, M.D. by invitation at the Young-Honam (Korea) - Kyushu (Japan) Joint Meeting, Cheju Island, Korea, Nov. 20, 1993.
20. Guest speaker at a Symposium for the Academy of Medicine of New Jersey, Topic: The Surgical Treatment Of Parkinson's Disease. 1996

21. Kozodoy, R.L., Harrington, J.A., Zazanis, G.A., Nosko, M.G., Lehman, R.M.: Stereotactic CO₂ Laser Therapy of Hydrocephalus. Poster presented at SPIE International Symposium, Los Angeles, California, January 22-29, 1994.
22. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid System for Localization. European Society for Stereotactic and Functional Neurosurgery, Xith Congress, Antalya, Turkey September 24-27, 1994.
23. Lehman, R.M. and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid system for Localization. Platform presentation at the American Epilepsy Society 1994 Annual Meeting, New Orleans, Louisiana December 2 - 8, 1994.
24. Lehman, R.M., and Grunweg, B.S.: Anterior Approach To The Cervicothoracic Junction: An Anatomical Dissection. Poster presented at the 11th Annual Meeting of the Joint Section on Disorders of the Spine and Peripheral Nerves of the AANS/CNS, Phoenix, Arizona, and February 14-18, 1995.
25. Lehman, R.M., Mezrich, R.S., Kumar, R., and Dana, K.: Frameless 3D Volume Registration for Stereotactic Planning. Poster presented at the 1995 Quadrennial Meeting of the American Society for Stereotactic and Functional Neurosurgery in Marina Del Rey, California, March 8 - 11, 1995.
26. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid System. Poster presented at the Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, April 22-27, 1995.
27. Lehman, R.M., Mezerich, R., Sage, J., and Golbe, L.: Peri and Postoperative MRI Localization of Pallidotomy Lesions. Poster presented at the Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, April 22-27, 1995.
28. Lehman, R.M., Mezrich, R.S., Kumar, R., and Dans, K.: Frameless 3D Volume Registration for Stereotactic Planning. Poster presented at the 10th European congress of Neurosurgery in Berlin, Germany May 7 - 12, 1995.
29. Lehman, R.M.: Frameless 3D Volume Registration of MR Data Sets for Stereotactic Pallidotomy. Poster Presentation at the 1996 American Association of Neurological Surgeons Annual Meeting in Minneapolis, Minnesota, April 27 - May 2, 1996.
30. Lehman, R.M.: Frameless 3D Volume Registration of MR Data Sets for Stereotactic Pallidotomy. Platform Presentation at the XII European Society for Stereotactic and Functional Neurosurgery Meeting in Milan, Italy, June 12 - 15, 1996.
31. Lehman, R.M., Micheli-Tzanakou E, Medl A: Quantitative On-Line Analysis of Physiological Data for Lesion Placement in Pallidotomies. Accepted for presentation, by poster, at the 1997 AANS Meeting in Denver, Colorado, April 12 - 17, 1997.
32. Lehman, R.M., Micheli-Tzanakou E, Medl A: The Use of Semi-Microelectrode Recordings

during Pallidotomy. Poster presentation WSSFN Meeting in Lyon, France, July 1-4, 1997.

33. Micheli-Tzanakou E, Lehman, RM, Medl A, and Hamilton JL: The Use of Semi-Microelectrode Recordings during Pallidotomy. Platform presentation at Vth World Meeting on Microelectrode Techniques during Functional Stereotactic Neurosurgery. Grenoble, France, June 30th, 1997.
34. Lehman, R.M., Micheli-Tzanakou E, Hamilton J., Zheng J: Electrophysiologic Recordings in Pallidotomy Localized to 3-D Stereoscopic Imaging. Poster Program of the 1999 University of Medicine & Dentistry of New Jersey, Robert Wood Johnson Medical School Research Day. Robert Wood Johnson University Hospital Core Pavilion, New Brunswick, New Jersey, March 26, 1999.
35. Lehman, R.M., Micheli-Tzanakou E, Hamilton J, Zheng J: Electrophysiologic Recordings in Pallidotomy Localized to 3-D Stereoscopic Imaging. Poster Program of The American Association of Neurological Surgeons (AANS). 1999 AANS Annual Meeting, New Orleans, Louisiana, April 28, 1999.
36. Lehman, R.M., Micheli-Tzanakou, E., Zheng, J., Hamilton, and J.L.: Electrophysiological Recordings in Pallidotomy Localized to 3D Stereoscopic Imaging. Meet Am Soc Stereotact Funct Neurosurg, Snowbird, Utah, 1999.
37. Hamilton, J.L., Micheli-Tzanakou, E., Lehman, R.M.: Wavelet-and Complexity-Based Neural Networks for Lesion Targeting in Pallidotomy, *Congress of Neurological Surgeons Annual Meeting*, San Antonio, Texas, 2000.
38. Lehman, R.M., The Subthalamic Region - Historical Perspective. Poster Program of the American Association of Neurological Surgeons (AANS). 2002 AANS Annual Meeting, Chicago, Illinois. April 6-11, 2002.
39. Micheli-Tzanakou, E., Tadross, M., Lehman, R.M.: An Internet Facility for Functional Stereotactic Surgery. *European Society for Stereotactic and Functional Neurosurgery. Toulouse, France, October 9-12, 2002.*
40. Azhu-Valappil R, Micheli-Tzanakou E, Nieves A, Lehman RM: Functional MR imaging analysis of Parkinson's disease patients and normal subjects. *2004 AANS Annual Meeting*, Orlando, Florida, May 3-7, 2004.
41. Beetel R, Micheli-Tzanakou E, Lehman RM: EMG Recordings as a Measure of Parkinson's Treatment. *2004 ESSFN Annual Meeting*, Vienna, Austria, June 23-26, 2004.
42. Lehman, R.M., Nieves, A: Deep Brain Stimulation in Two Patients with Post-Anoxic Dystonia. *World Society of Stereotactic and Functional Neurosurgery, Rome, Italy May 2005*
43. Lehman, R.M., Nieves, A: Perioperative Localization of Subthalamic Nucleus. *ESSFN, Montreux, Switzerland October 2006.*
44. Lehman, R.M.: Subthalamic Region Historical Perspective. World Society of Stereotactic and

Functional Neurosurgery, Toronto, Canada, 2009

45. Lehman, R.M., Lecturer MUSC Freshman Medical Students: Cerebrovascular Anatomy, Mar-Apr., 2010. Neuroanatomy. Demonstrator 2010-present
46. Lehman, R.M., Sierra Cascade Trauma Society Lectures: (1) Cerebrovascular Anatomy, 2011; (2) Head Trauma and Stroke, 2012; (3) Concussion and its Long-Term Effects, 2013; (4) Frontal Lobotomy, 2014; (5) Hydrocephalus and Shunt, 2015; (6) Endovascular vs Open Craniotomy for Cerebral Aneurysm. (7) Surgical Treatment of Epilepsy.

ABSTRACTS

1. Spiegel, E.A., Lehman, R.M.: Cortical Projections of the Labyrinth. Proceedings of the International Symposium of the Vestibular and Oculomotor Problems. University of Tokyo, August 9-14: 1965.
2. Lehman, R.M.: Arteriovenous Malformation, an Alaskan Experience. Neurosurgical Society, Neurosurgery, 1986.
3. Lehman, R.M., Hill, R.P., Vasileff, T.P.: Anterolateral Approach to Burst Fractures of the Thoracic and Lumbar Spine. Presented Western Neurosurgical Society Annual Meeting, Banff, Alberta, Canada, September 1987. *Neurosurgery* 1988.
4. Lehman, R.M., Hill, R.P.: Postoperative MRI Confirmation of CT Directed Thalamic and Subthalamic Lesion. Presented Western Neurosurgical Society Annual Meeting Sun Valley Idaho, September 1989, *Neurosurgery* 1990.
6. Lehman, R.M., Hill, R.P.: Postoperative MRI Confirmation of CT-Directed Thalamic and Subthalamic Lesions. Proceedings of the X Meeting World Society for Stereotactic and Functional Neurosurgery. Maebashi, Japan. October 1989. *Stereotactic Function Neurosurgery* 54-55: 219, 1990.
7. Lehman, R.M., Olivier, A., Moreau, J.J., Tampiere, D., Henri, C.: Use of the Callosal Grid System for Preoperative Identification of the Central Sulcus. *Journal of Neurosurgery*, Vol. 74:2, page 333.
8. Quesney, L.P., Rubiano, H., Lehman, R.M., Olivier, A.: Patterns of Seizure Onset and Spread in Temporal Lobe Epilepsy. *Epilepsia*, Vol. 32. Suppl. 3, 1991 page 23.
9. Lehman, R.M., Andermann, F., Olivier, A., Tandon, P.N., Rasmussen: Seizure with Onset in the Sensori-Motor Face Area. *Epilepsia*, Vol. 32. Suppl. 3, 1991 page 26.
10. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for the Pre-and Post-operative Assessment of Resection in the Central Area. *Journal of Neurosurgery* Vol. 76, No.2: page 387-388, 1992.
11. Lehman, R.M., Olivier, A.: Use of the Callosal Grid System for Cortical Localization. Presented

at the New Trends in Management of Cerebro-Vascular Malformations Symposium. Verona, Italy, June 8-12, 1992.

12. Lehman, R.M.: CT Reconstruction for Localization of Subdural Electrodes in Temporal Lobe Seizure Disorder: Anatomic and Electrophysiological Correlation. *Epilepsia* Vol.34, Suppl 2, 1993, page 132.
13. Lehman, R. M., Mezrich, R., Sage, J., Golbe, L.: Peri and Postoperative MRI Localization of Pallidotomy Lesions. Presented at The World Society for Stereotactic and Functional Neurosurgery Meeting in Ixtapa, Mexico, Oct. 11-15, 1993.
14. Taylor, H, Knight, S, Mezrich, R.S, Shahidi, R, Lehman, R, Nosko, M, Feldstein, N., Handler, M., "Interactive Stereotaxy with the Princeton Engine, A Massively Parallel Computer", presented at RSNA Annual Meeting, Nov. 30, 1993, Chicago, IL.
15. Lehman, R.M., Mezerich, R., Sage, J. and Golbe, L.: Peri and Postoperative MRI Localization of Pallidotomy Lesions. Presented at Chonbuk National University Hospital, Seoul, Korea, Nov. 18, 1993.
16. Lehman, R., Olivier, A.: Use of the Callosal Grid System for Cortical Localization. Presented at Young-Honam (Korea) - Kyushu (Japan) Joint Meeting, Cheju Island, Korea, Nov. 20, 1993.
17. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid System for Localization. European Society for Stereotactic and Functional Neurosurgery, Xith Congress, Antalya, Turkey September 24-27, 1994.
18. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid System for Localization. Platform presentation at the American Epilepsy Society 1994 Annual Meeting, New Orleans, Louisiana, December 2 - 8, 1994.
19. Lehman RM, Mezrich RS, Kumar R, Dana K and Anandan P: Frameless Three-Dimensional Volume Registration for Stereotactic Planning. *Stereotactic & Functional Neurosurgery*, 66 :(1-3), Part II, pages 1-160, 1996.
20. Lehman, R.M., and Hyung-Ihl, K.: Partial Seizures with Onset in Central Area: Use of the Callosal Grid System. Poster presented at the 1995 Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, *J. Neurosurgery*, February 1996.
21. Lehman, R.M., Mezerich, R., Sage, J., and Golbe, L.: Peri and Postoperative MRI Localization of Pallidotomy Lesions. Poster presented at the 1995 Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, *J. Neurosurgery*, February 1997.
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3. Letter to editor re: "Motor and Sensory Cortex In Humans; Topography Study with Chronic Subdural Stimulation", *Neurosurgery*, 1993; 33(2):340.
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11. Letter to editor re: "Complications of Lumboperitoneal Shunts" *Neurosurgery*, Vol 63, Num 2, August 2008.
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1. Obeso JA et al: *The Basal Ganglia and New Surgical Approaches for Parkinson's Diseases. Advances in Neurology, Vol 74*, reviewed for the *Journal of Neurosurgery*.—March 1998.

MODERATOR / ORGANIZER

1. Moderator/Organizer for *The 2nd Pallidotomy Accord*, held at Princeton University, Princeton, NJ in conjunction with the 1998 AANS Annual Meeting, Philadelphia, PA. April 25, 1998.
2. Moderator/Organizer for *Mountaineering & High Altitude Medicine for the Neurological Surgeon*, 1998 AANS Annual Meeting-Breakfast Seminar #220, Philadelphia, PA April 28, 1998.
3. Moderator for *Session 2: Therapeutic Stereotactic Surgery: Movement Disorders*, 1999 Meeting of the American Society of Stereotactic and Functional Neurosurgery, Snowbird Lodge, Utah, July 8, 1999.
4. Demonstrator in the Neuroanatomy Lab for the Freshman Medical Students at MUSC under the direction of Prof. Henry Martin and Assistant Prof.Heather Boger, 2010- to the present.

VISITING PROFESSOR

Invitation to Temple University Hospital August 11, 1994 and October 20, 1994 on behalf of the Temple Neurosurgical Residency Program.

REVIEW OF MANUSCRIPT

1. Review of manuscript # ANE-O-12-06-427 entitled "Digital nerve somatosensory evoked potentials (D-SEP) and MRI. Correlation analysis in patients with symptomatic cervical spine disorders (CSD)." *Acta Neurologica Scandinavica*