

## CURRICULUM VITAE

NAME: Lawrence Mendel Shuer  
ADDRESS: L233 Stanford Medical Center, Stanford, California 94305-5327  
TELEPHONE: (650) 723-6093 FAX: (650) 723-7813  
E-MAIL: [lshuer@stanford.edu](mailto:lshuer@stanford.edu)  
BIRTH DATE: April 12, 1954  
BIRTHPLACE: Toledo, Ohio, U.S.A.  
MARITAL STATUS: Married, three children

EDUCATION: University of Michigan, Ann Arbor, Michigan  
MEDICAL SCHOOL: University of Michigan, Ann Arbor, Michigan

DEGREES: A.B., 1975  
M.D., 1978

ACADEMIC HISTORY: 09/72-08/75 University of Michigan  
A.B. with high distinction  
09/74-06/78 University of Michigan Medical School  
M.D. cum laude  
06/78-06/79 Stanford University School of Medicine  
Surgical Intern  
07/79-12/79 Institute of Neurology, Queen Square London Fellow in  
Neurology  
01/80-06/80 Stanford University School of Medicine  
Neuropathology Resident  
07/80-06/84 Stanford University School of Medicine  
Neurosurgery Resident

ACADEMIC HONORS: William J. Branstrom Freshman Prize  
James B. Angell Scholar  
Alpha Omega Alpha  
Sandoz Award for Neurological Scholarship

ACADEMIC APPOINTMENTS: 7/84-8/90 Clinical Assistant Professor of Surgery/Neurosurgery  
9/90-10/02 Associate Professor of Surgery/Neurosurgery  
3/92-12/95 Acting Chair, Department of Neurosurgery  
7/96-5/08 Chief of Staff, Stanford Hospital and Clinics  
7.96-Present Associate Dean for Clinical Affairs, Stanford School of Medicine  
11/02-Present Professor of Neurosurgery  
2004-Present Associate Chair Department of Neurosurgery

TEACHING AWARD: 6/93 Kaiser Award for Excellence in Clinical Teaching

BOARD CERTIFICATION: National Board of Medical Examiners  
American Board of Neurological Surgeons, certified 09/86

LICENSURE: California Medical License # G39747  
12/19/08

SOCIETIES: American Association of Neurological Surgeons

American Medical Association  
California Association of Neurological Surgeons  
California Medical Association  
Congress of Neurological Surgeons  
San Francisco Neurological Society  
Santa Clara County Medical Association  
Western Neurosurgical Society  
Scientific Advisory Panel on Neurosurgery, CMA  
American Association of Medical Colleges Group on Educational Affairs  
Society of Neurological Surgeons

SOCIETY OFFICE: Board of Director California Association of Neurological Surgeons 1/90-present  
AANS appointee to the Council of State Neurosurgical Societies 1/94-present  
Treasurer, California Association of Neurological Surgeons 1/95-1/.99  
Membership Committee Chair, Western Neurosurgical Society 1997-1998  
Vice President Western Neurosurgical Society 1998  
2<sup>nd</sup> Vice President California Association of Neurological Surgeons 1/99-1/00  
1<sup>st</sup> Vice President California Association of Neurological Surgeons 1/00-1/01  
President-Elect California Association of Neurological Surgeons 1/01-1/02  
President California Association of Neurological Surgeons 1/02 – 1/03  
Chair, Scientific Advisory Panel on Neurosurgery, California Medical Association 1/02 - present  
Board of Director California Transplant Donor Network  
President of the Western Neurosurgical Society

EDITORIAL SERVICE: Clinical Neurosurgery Volume 39, 1991

FELLOWSHIPS: Fellow of the Stroke Council of the American Heart Association

BOARD EXAMINER: Guest Examiner, American Board of Neurological Surgery, 1995

HONORARY APPOINTMENTS: Visiting Professor Shantou University Medical College, Shantou, China

EMPLOYMENT: Stanford University 1984 to present  
Stanford University Hospital 1978-1984

## **Research**

Study Title: Multicenter Dose-Ranging Safety and Effectiveness Study, PEG-Superoxide Dismutase in Severe Head Injury  
Sponsor: Sterling Winthrop  
Dates: 9/92-1/94  
Role: Co-Investigator (PI Bruce Adornato, M.D.)

Study Title: A Placebo Controlled Trial to Evaluate the Safety, Tolerability and Potential Efficacy of Initiating Intravenous Administration of CGS-19755 to Serious Head Trauma Patients Prior to Surgery  
Sponsor: Ciba-Geigy  
Dates: 2/93-12/94  
Role: Co-Investigator (PI Gary Steinberg, M.D., PhD.)

Study Title: Intrathecal Baclofen Delivered by INFUSAID Pump Model 1000 in the Treatment Spasticity Due to Spinal Cord Injury  
Sponsor: Infusaid (Pfizer)  
Dates: 11/91-8/94  
Role: Co-Investigator (PI Inder Perakash, M.D.)

Study Title: Evaluation of Ambisome in the Treatment of Experimental Coccidioidal Meningitis in the Rabbit using an Implantable, Computerized Pump Delivery System  
Sponsor: Pending  
Dates: 5/95-present  
Role: Co-Investigator (PI Paul Williams, M.D.)

Study Title: Noninvasive Ultrasound Measurement of Intracranial Pressure During Simulated Microgravity  
Sponsor: NASA  
Dates: 9/95-present  
Role: Co-Investigator (PI Alan Hargens, PhD.)

Study Title: Localization of Synapses Generating Cognitive Evoked Potentials  
Sponsor: International Human Frontiers in Science Program Organization  
Dates: 6/1/96-5/31/98  
Role: Site-PI (Co-PI Eric Halgren PhD.)

## **Research**

Study Title: Non-Invasive Measurement of Intracranial Pressure Using Ultrasound  
Sponsor: NASA  
Dates: 9/96-present  
Role: Co-Investigator (PI Alan Hargens, PhD.)

Study Title: Use of a Venous Catheter for Core Cooling and Rewarming for Temperature Control during Aneurysm Surgery (T.C.A.S.) Protocol IT 00-100  
Sponsor: Innercool Therapies  
Dates: 8-1-00-7-31-01  
Role: PI Lawrence Shuer, M.D.

Study Title: Quantitative Evaluation of Skull Shape Changes of Helmet Therapy vs. Positioning in Deformational Plagiocephaly  
Sponsor: unsponsored currently  
Dates: 1-22-01 1-21-02  
Role: Co-Investigator (PI Sabine Girod, M.D.)

Study Title: Does Perioperative Steroid Administration Decrease the Incidence of Dysphagia after Anterior Cervical Discectomy  
Sponsor: Synthes  
Dates: 3/4/2003-present  
Role: PI Lawrence Shuer, M.D.

Study Title: Malpractice Insurers' Medical Error Surveillance and Prevention Study (MIMESPS)  
Sponsor: Harvard school of Public Health  
Dates: 10/15/2003-2/15/2004  
Role: Site PI Lawrence Shuer, M.D.

Study Title: Pivotal IDE Study of Safety and Effectiveness of Spinal Kinetics Cervical Disc in Treatment of Degenerative Disc Disease  
Sponsor: Spinal Kinetics, Inc.  
Dates: 1/10/2006-present  
Role: Site PI Lawrence Shuer, M.D.

## COMMITTEE MEMBERSHIP

### Committees at Stanford University Medical Center

Trauma Quality Assurance S.U.H.	1986-1992
Care Review Risk Management S.U.H.	1989-1992
Utilization Review / Practice improvement S.U.H.	1989- present
Operating Room Committee S.U.H.	1986-present
Operating Room Supply Committee S.U.H.	1986-1991
Operations Improvement Nursing Services S.U.H.	1990-2001
Operations Improvement Task Force S.U.H.	1992-2001
Operations Improvement Operating Room S.U.H.	1995-2001
Rehabilitation Medicine Task Force	1989-1991
Medical Board S.U.H.	1992-1995
Hospital Directors Council S.U.H.	1992-1995
Medical Board LSPCH	1992-2005
Critical Care Committee LSPCH	1992-present
Quality Management Committee LSPCH	1992-2003
Post Anesthesia Care Committee LSPCH	1992-2003
Medical Board SHC	1996-present
Credentials Committee SHC	1996-present
Care Review Committee SHC (Chair)	1997-present
Quality Improvement Steering Committee SHS (Co-chair)	1997-2001
Graduate Medical Education Committee (Chair)	1996-present
Governing Council Stanford Medical Center	1999-2002
Ad Hoc Block Schedule Committee, O.R.	2001-present
Board of Directors, SHC/LCPH Insurance Program (President)	2002-2005
Quality Improvement and Patient Safety Committee, SHC	2006-present

## **COMMITTEE MEMBERSHIP**

### Committees at Stanford University

Medical School Admissions Committee	1990-1992
Freshman Advisor	1986-1991
Executive Committee Medical School	1992-1995
Clinical Subcommittee	1992-1995
Faculty Practice Plan Board of Directors	1992-1995
FPP Finance and Audit Committee	1992-1994
FPO Budget Committee	1995-1997
SFPG Board of Directors	1995-1997
Neurology Chair Search Committee	1995-1997
Compensation Task Force	1996-1997
Compensation Board	1997-2001
Epilepsy Center Search Committee	1998-1999
Governing Council SUMC	1999-2004
Faculty Leadership Group	1999-2004
Editorial Advisory Committee, Stanford Medicine	2002-present

## PUBLICATIONS:

1. Feringa ER, **Shuer LM**, Vahlsing HL and Davis SW: "Regeneration of Corticospinal Axons in the Rat", Annals of Neurology 2:315-321, 1977
2. Feringa ER, Davis SW, Vahlsing HL and **Shuer LM**: "Fink-Heimer/Nauta Demonstration of Regenerating Axons in the Rat Spinal Cord", Archives of Neurology 35:522-526, 1978
3. **Shuer LM**, Vahlsing HL and Feringa ER: "A Mask for the Artificial Respiration of Rats", Laboratory Animal Science 28:433-436, 1978
4. Hollister LE, Conley FK, Britt RH and **Shuer LM**: "Long Term Use of Diazepam", JAMA 246:1568-1570, 1981
5. Steinberg GK, **Shuer LM**, Conley FK and Hanbery JW: "Evolution and Outcome in Malignant Astroglial Neoplasms of the Cerebellum", Neurosurgery 62:9-17, January 1985
6. Enzmann DR, Wheat R, Marshall W, Bird R, Murphy-Irwin K, Karbon K, Hanbery J, Silverberg G, Britt R and **Shuer LM**: "Tumors of the Central Nervous System Studied by Computed Tomography and Ultrasound", Radiology 154/2:393-399, February 1985
7. Enzmann DR, O'Donohue J, Rubin JB, **Shuer L**, Cogen P and Silverberg G: "CSF Pulsations Within Non-Neoplastic Spinal Cord Cysts", American Journal of Neuroradiology 8:517-525, May/June 1987
8. Enzmann DR, O'Donohue J, Rubin JB, **Shuer L**, Cogen C and Silverberg G: "CSF Pulsations Within Non-Neoplastic Spinal Cord Cysts", American Journal of Radiology 149/1:149-157, July 1987
9. Parsons D, Samuels SI, Steinberg G and **Shuer LM**: "Reduction Cranioplasty and Severe Hypotension", Anesthesiology 68/1:145-146, January 1988
10. Zaslow MA, Pearl RG, Larson CP, Silverberg G and **Shuer LM**: "PEEP Does Not Affect Left Atrial-Right Atrial Pressure Differences in Neurosurgical Patients", Anesthesiology 68/1:760-763, May 1988
11. Swerdlow B, **Shuer LM** and Zelcer J: "Coronary Vasospasm During Percutaneous Trigeminal Rhizotomy", Anesthesia (England) 43/10:861-863, October 1988
12. Zaslow MA, Pearl RG, **Shuer LM**, Steinberg GK, Lieberson RE and Larson CP: "Hyperglycemia Decreases Acute Neuronal Ischemic Changes After Middle Cerebral Artery Occlusion in the Cat", Stroke 20/4:519-523, April 1989

Journal of

## PUBLICATIONS:

13. Kraft SA, Larson CP, **Shuer LM**, Steinberg GK, Benson GV and Pearl RG: “Effect of Hyperglycemia on Neuronal Ischemic Changes in a Rabbit Model of Focal Cerebral Ischemia”, Stroke 21/3:447-450, March 1990
14. Steinberg GK, Fabrikant JI, Marks MP, Levy RP, Frankel KA, Phillips MH, **Shuer LM** and Silverberg GD: “Stereotactic Heavy Charged Particle Bragg Peak Radiosurgery for Intracranial Vascular Malformations”, New England Journal of Medicine 323/2:96-101, July 1990
15. Larson CP, **Shuer LM** and Cohen SE: “Maternally Administered Esmolol Decreases Fetal as Well as Maternal Heart Rate”, J. Clin. Anesth. 2: 427-429, November/December 1990
16. Steinberg GK, Marks MP, **Shuer LM**, Sogg RL, Enzmann DR, and Silverberg GD: “Occult Vascular Malformations of the Optic Chiasm: Magnetic Resonance Imaging Diagnosis and Surgical Laser Resection”, Neurosurgery 27/3:466-470, September 1990
17. Steinberg GK, Fabrikant JI, Marks MP, Levy RP, Frankel KA, Phillips MH, **Shuer LM** and Silverberg GD: “Stereotactic Helium-ion Particle Bragg Peak Radiosurgery for Intracranial Vascular Malformations”, Stereotact Funct Neurosurgery 57:36-49, 1991
18. Snipes GJ, Horoupian DS, **Shuer LM** and Silverberg GD: “Pleomorphic Granular Cell Astrocytoma of the Pineal Gland”, Cancer 70/8:2159-2165, October 1992
19. Schendel SA and **Shuer LM**: “Multiple Suture Synostosis Subsequent to Ventricular Shunting”, Journal of Plastic and Reconstructive Surgery, 93/5:1073-1077, April 1994
20. Horoupian DS, Shuster DL, Kaarsoo-Herrick M and **Shuer LM**: “Central Neurocytoma: One Associated with a Fourth Ventricular PNET/Meduloblastoma and the Second Mixed with Adipose Tissue”, Human Pathology 28/9:1111-1114, September 1997
21. Toczek MT, Morrell MJ, Risinger MW, **Shuer LM**: “Intracranial Recordings in Mesial Frontal Lobe Epilepsy”, The Journal of Clinical Neurophysiology 14(6):499-506, 1997
22. Ueno T, Ballard RE, **Shuer LM**, Cantrell JH, Yost WT and Hargens AR: “Noninvasive Measurement of Pulsatile Intracranial Pressure using Ultrasound”, Acta Neurochir 71:66-69, 1998
23. Williams PL, Sobel R, Sorensen KV, Clemons K, **Shuer LM**, Royaltey SA, Yao Y, Pappagianis D, Lutz JE, Reed C, River M, Lee BC, Bhatti SD and Stevens DA: “A Model of Coccidiodal Meningitis and Cerebrospinal Vasculitis in the Rabbit”, The Journal of Infectious Disease 178:1217-21, 1998



## PUBLICATIONS:

24. Ueno T, **Shuer LM**, Cantrell JH, Yost WT and Hargens AR: "Development of a Noninvasive Technique for the Measurement of Intracranial Pressure", Biological Sciences in Space 12:270-271, 1998
25. Heit G, Ulbert I, Halgren E, Karmos G, **Shuer LM**: "Current Source Density Analysis of Synaptic Generators of Human Interictal Spike", Stereotact Funct Neurosurg. 73(1-4):116, 1999
26. Wilson JD, Jacobs M, **Shuer L**, Atlas S and Horoupian D: "Idiopathic Giant Granulomatous Hypophysitis", Clinical Neuropathology 19:300-304, 2000
27. Karceski SC, Risinger MW, Morrell MJ and **Shuer LM**: "The Utility of Intracranial Ictal recordings in the Localization of the Epileptogenic Zone in Patients with Refractory Extratemporal Epilepsy." (Submitted to Epilepsia)
28. Steinberg GK, Ogilvy CS, **Shuer LM**, Connolly ES JR, ES, Solomon RA, Lam A, Kassell NF, Baker CJ, Giannotta SL, Cockroft KM, Bell-Stephens TE, Allgren RL. "Comparison of Endovascular and Surface Cooling during Unruptured Cerebral Aneurysm Repair.", Neurosurgery 55(2):397-315, 2004
29. Lehman NL, Jacobs CD, Holsten PA, Jaikumar S, Lehman TD, Gibbs IC and **Shuer LM**, "Primary Paraspinal Leiomyosarcoma Invading the Cervical Spinal Canal Successfully Treated With Surgery, Radiotherapy, and Chemotherapy. Case Report", Journal of Neurosurgery: Spine 6(5):441-446, 2007
30. Cheshier, SH, Kalani MYS, Pendakaur A, Higgins D, Kahn D, Shendel S, and **ShuerLM**, "Two-Year-Old Girl with Cervicomedullary Junction Stenosis and an Unknown Type of Skeletal Dysplasia Case Report", Journal of Neurosurgery: Pediatrics 2:200-202, 2008
31. Campbell, DM, Bruins S, Vogel H, **Shuer LM**, Wigman CA, "Intracerebral hemorrhage caused by cerebral amyloid angiopathy in a 53-year-old man", Journal of Neurology: 255(4):597-8, 2008

**PUBLISHED ABSTRACTS:**

1. **Shuer LM**, Silverberg GD and Enzmann D: “Syringomyelia in 1987, Impact of MRI”, Neurosurgery 22/4: 792, April 1988
2. Steinberg GK, Silverberg GD, Fabrikant JI, **Shuer LM**, Frankel KA, Phillips M, Levy RP, and Marks MP: “Preliminary Results of Heavy Particle Radiation for Arteriovenous Malformations of the Brain”, Neurosurgery 22/4:791, April 1988
3. **Shuer LM**: “Therapeutic Options for Surgical Management of Trigeminal Neuralgia”, Neurosurgery 26/4:710, April 1990
4. Page K, **Shuer LM**, Silverberg GD, Morrell MM: “Improving Outcome in Temporal Lobectomy: Defining the Lateral Temporal Neocortical Extent of an Epileptogenic Region on Scalp Sphenoidal EEG”, Epilepsia, 34/6:123, December 1993
5. Morrell MJ, Callanan M, Guarino EJ, Sum JM, Derdarian AT and **Shuer LM**: “Surgical Treatment of Epilepsy Arising from Cingulate and Supplementary Motor Cortex; Response to Combined Cortical Resection and Disconnection”, Epilepsia, 36/4:139, 1995
6. Callanan M, Morrell M, Silverberg G, and **Shuer LM**: “Antibiotic Use in Patients Undergoing Implantation of Intracranial Electrodes”, Epilepsia (suppl5):178, 1996
7. Pech IV, **Shuer LM**, Peterson K: “Indolent Course of Disseminated Juvenile Pilocytic Astrocytoma”, Neurology, 48:A35, 1997
8. Ueno T, Ballard RE, **Shuer LM**, Yost WT, Cantrell JH, and Hargens AR: “Ultrasonic Measurement of Intracranial Pressure Waveforms.”, Ames Research Center 1997 Research and Technology, p 135-6 NASA Technical Memorandum 112240, 1998
9. Ulbert I; Heit G; Karmos G; Shuer LM; Halgren E: Laminar microelectrode array recordings from human temporal cortex and hippocampus. Society for Neuroscience Abstracts ; 1998; v.24, no.1-2, p.716
10. Ulbert I, Heit G, Halgren E, **Shuer L**; Karmos G: Laminar analysis of human interictal spikes. Society for Neuroscience Abstracts. ; 1999; v.25, no.1-2, p.604
11. Williams PL; Sobel RA, Sorensen KN, Clemons KV, **Shuer LM**, Royalty SS, Yao Y, Pappagianis D, Lutz JE, Reed C, River ME, Lee BC, Bhatti SO, Stevens DA: A model of coccidioidal meningitis (CM) in the rabbit (R). Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy ; 1998; v.38, p.466.
12. Golby AJ, Poldrack RA, Illes J; Brewer JB, **Shuer LM**; Chen DR, Desmond JE, and Gabriel JDE: Novelty-associated mesial temporal lobe activation during memory encoding in patients with mesial temporal lobe epilepsy. Soc Neurosci Abs 26:1244, 2000.

**BOOK CHAPTERS:**

1. **Shuer LM**, Steinberg GK and Adler JR: “Neurosurgery”, in Anesthesiologist’s Manual of Surgical Procedures, edited by R.A. Jaffe and S.I. Samuels, Raven Press, New York, 1994
2. **Shuer LM**, Steinberg GK and Adler JR: “Neurosurgery”, in Anesthesiologist’s Manual of Surgical Procedures, 2<sup>nd</sup> edition edited by R.A. Jaffe and S.I. Samuels, Raven Press, New York, 1998
3. Steinberg GK, Dodd RL, Sakamoto GT, **Shuer LM**, Chang SD and Adler JR: “Neurosurgery”, in Anesthesiologist’s Manual of Surgical Procedures, 3<sup>rd</sup> edition edited by R.A. Jaffe and S.I. Samuels, Raven Press, New York, 2004
4. Ross LL, Schendel SA, and **Shuer LM**: “Surgery for Craniofacial Malformations”, in Anesthesiologist’s Manual of Surgical Procedures, 3<sup>rd</sup> edition edited by R.A. Jaffe and S.I. Samuels, Raven Press, New York, 2004

**COLUMNS:**

1. **Shuer, LM**, “200 Percent Time” in Medical Staff Update, 20/8:2-3, September 1996
2. **Shuer, LM**, “Why We Do It” in Medical Staff Update, 20/9:2-3, October 1996
3. **Shuer, LM**, “Prove It!” in Medical Staff Update, 20/10:2,5, November 1996
4. **Shuer, LM**, “Benefits and Responsibilities of Medical Staff Membership” in Medical Staff Update, 20/11:2,4, December 1996
5. **Shuer, LM**, “A New Year, a New Start” in Medical Staff Update, 21/1:2 January 1997
6. **Shuer, LM**, “Intersecting Interests, Values and Missions” in Medical Staff Update, 21/3:2-4, March 1997
7. **Shuer, LM**, “Don’t Shoot the Interpreter” in Medical Staff Update, 21/4:2-5, April 1997
8. **Shuer, LM**, “Civility” in Medical Staff Update, 21/5:, May 1997
9. **Shuer, LM**, “EMTALA and COBRA Aren’t Just Names” in Medical Staff Update, 21/6:2, June 1997
10. **Shuer, LM**, “New Year in July” in Medical Staff Update, 21/7:2, July 1997
11. **Shuer, LM**, “JCAHO ‘For Real’” in Medical Staff Update, 21/7:2-3, August/September 1997
12. **Shuer, LM**, “Volunteer Spirit at SHS” in Medical Staff Update, 21/9:2, October 1997
13. **Shuer, LM**, “Bylaws” in Medical Staff Update, 21/10:2, November 1997
14. **Shuer, LM**, “A Mission We All Can Embrace!” in Medical Staff Update, 21/11:2, December 1997
15. **Shuer, LM**, “Take Ownership” in Medical Staff Update, 21/12:2, January 1998
16. **Shuer, LM**, “Proper Documentation is Good Medicine” in Medical Staff Update, 22/2:2, February 1998
17. **Shuer, LM**, “Peer Review” in Medical Staff Update, 22/3:2, March 1998
18. **Shuer, LM**, “A Full House” in Medical Staff Update, 22/4:2, April 1998

**COLUMNS:**

19. **Shuer, LM**, “Success and Thanks, a Visit Behind Us” in Medical Staff Update, 22/5:2,5, May 1998
20. **Shuer, LM**, “Specifying Specimens” in Medical Staff Update, 22/6:2, June 1998
21. **Shuer, LM**, “A Matter of Information” in Medical Staff Update, 22/7:2-3, July 1998
22. **Shuer, LM**, “The Gift of Life” in Medical Staff Update, 22/8:2, August/September 1998
23. **Shuer, LM**, “Palliative Care” in Medical Staff Update, 22/9:2,4, October 1998
24. **Shuer, LM**, “One Year Anniversary”, in Medical Staff Update, 22/10:2, November 1998
25. **Shuer, LM**, “Holiday and Y 2 K”, in Medical Staff Update, 22/11:2, December 1998
26. **Shuer, LM**, “Toward Error Prevention”, in Medical Staff Update, 23/1:2, January 1999
27. **Shuer, LM**, “Moving Toward Efficiency”, in Medical Staff Update, 23/2:2, February 1999
28. **Shuer, LM**, “Confidentiality: On the Record”, in Medical Staff Update, 23/3:2-3, March 1999
29. **Shuer, LM**, “Waste Not!”, in Medical Staff Update, 23/4:2-3, April 1999
30. **Shuer, LM**, “Stress Brings Out the Worst”, in Medical Staff Update, 23/5:2-3, May 1999
31. **Shuer, LM**, “Value in Health Care”, in Medical Staff Update, 23/6:2,10, June 1999
32. **Shuer, LM**, “End-of-Life Care”, in Medical Staff Update, 23/7:2,10, July 1999
33. **Shuer, LM**, “Not the Last Word”, in Medical Staff Update, 23/8:2, August/September 1999
34. **Shuer, LM**, “Play by the Rules”, in Medical Staff Update, 23/9:2-3, October 1999
35. **Shuer, LM**, “Needle and Latex Safety”, in Medical Staff Update, 23/10:2, November 1999
36. **Shuer, LM**, “Far East Sojourn”, in Medical Staff Update, 23/11:2, December 1999

**COLUMNS:**

37. **Shuer, LM**, “2000, a New Century, a New Start”, in Medical Staff Update, 24/1:2, January 2000
38. **Shuer, LM**, “The JCAHO are Coming”, in Medical Staff Update, 24/2:2, February 2000
39. **Shuer, LM**, “Quality Assurance and Peer Review”, in Medical Staff Update, 24/3:2,11, March 2000
40. **Shuer, LM**, “Communication, Such a Valuable Process”, in Medical Staff Update, 24/4:2,10, April 2000
41. **Shuer, LM**, “Finding the Balance”, in Medical Staff Update, 24/5:2,11, May 2000
42. **Shuer, LM**, “House Staff Housing Crisis”, in Medical Staff Update, 24/6:2, June 2000
43. **Shuer, LM**, “United We Stand, Divided We Fall”, in Medical Staff Update, 24/7:3, July 2000
44. **Shuer, LM**, “A Time to Heal, to Move Forward”, in Medical Staff Update, 24/8:2, August/September 2000
45. **Shuer, LM**, “Ethics Committee and the ICU”, in Medical Staff Update, 24/9:2, 11, October 2000
46. **Shuer, LM**, “Health Care, Training and Silicon Valley Too”, in Medical Staff Update, 24/10:2, November 2000
47. **Shuer, LM**, “Values – More Than a Buzzword”, in Medical Staff Update, 24/11:2, December 2000
48. **Shuer, LM**, “A New Beginning”, in Medical Staff Update, 24/12:2,5, January 2001
49. **Shuer, LM**, “Consolidated Accreditation and Licensure Survey”, in Medical Staff Update, 25/2:2,4, February 2001
50. **Shuer, LM**, “Energy to Medicine”, in Medical Staff Update, 25/3:2,4, March 2001
51. **Shuer, LM**, “CALs Visit, A Reprise”, in Medical Staff Update, 25/4:2, April 2001
52. **Shuer, LM**, “We Can’t Be Everything to All”, in Medical Staff Update, 25/5:2, May 2001
53. **Shuer, LM**, “A Time of Celebration”, in Medical Staff Update, 25/6:2, June 2001

**COLUMNS:**

54. **Shuer, LM**, "Pain is the Issue!", in Medical Staff Update, 25/7:2, July 2001
55. **Shuer, LM**, "A Tribute to Peter G", in Medical Staff Update, 25/8:2, August/September 2001
56. **Shuer, LM**, "Life Goes On", in Medical Staff Update, 25/9:2, October 2001
57. **Shuer, LM**, "It is Time to Think Creatively!", in Medical Staff Update, 25/10:2, November 2001
58. **Shuer, LM**, "The Age of Information", in Medical Staff Update, 25/11:2, December 2001
59. **Shuer, LM**, "Communications with the Coroner", in Medical Staff Update, 26/1:2, January 2002
60. **Shuer, LM**, "Safety is the Goal", in Medical Staff Update, 26/2:2, February 2002
61. **Shuer, LM**, "A Pointed Reminder About Needle Sticks", in Medical Staff Update, 26/3:2, March 2002
62. **Shuer, LM**, "Let's Get Right to the Core!", in Medical Staff Update, 26/4:2-3, April 2002
63. **Shuer, LM**, "Improvement Needed on H&P Documentation", in Medical Staff Update, 26/5:2, May 2002
64. **Shuer, LM**, "Ensuring Quality Through Quality Assurance", in Medical Staff Update, 26/6:2, June 2002
65. **Shuer, LM**, "Lessons Learned", in Medical Staff Update, 26/7:2, July 2002
66. **Shuer, LM**, "Caring and Compassion: Crucial For Our Profession", in Medical Staff Update, 26/8:2, August/September 2002
67. **Shuer, LM**, "Medical Care at Stanford: Innovative or Experimental?", in Medical Staff Update, 26/9:2, October 2002
68. **Shuer, LM**, "A Note of Thanks", in Medical Staff Update, 26/10:2, November 2002
69. **Shuer, LM**, "Residents' Work Hours: A New Era", in Medical Staff Update, 26/11:2, December 2002
70. **Shuer, LM**, "Bringing Common Sense to Informed Consent", in Medical Staff Update, 27/1:2, January 2003

**COLUMNS:**

71. **Shuer, LM**, “Time for an Earlier Discharge”, in Medical Staff Update, 27/2:2, February 2003
72. **Shuer, LM**, “HIPPA Training is Here”, in Medical Staff Update, 27/3:2, March 2003
73. **Shuer, LM**, “Preparing for the Unthinkable”, in Medical Staff Update, 27/4:2, April 2003
74. **Shuer, LM**, “Medical Care Regardless of Insurance – Our Obligation Under EMTALA”, in Medical Staff Update 27/5:2, May 2003
75. **Shuer, LM**, “Continual Readiness”, in Medical Staff Update, 27/6:2, June 2003
76. **Shuer, LM**, “A View from the Other Side of the Bed”, in Medical Staff Update, 27/7:2, July 2003
77. **Shuer, LM**, “Eliminating Wrong-site, Wrong-side Procedures”, in Medical Staff Update, 27/8:2, August/September 2003
78. **Shuer, LM**, “Transitions”, in Medical Staff Update, 27/9:2, November 2003
79. **Shuer, LM**, “Bringing Safety into our Culture”, in Medical Staff Update, 27/10:2, December 2003
80. **Shuer, LM**, “Code Blue for the California Emergency System”, in Medical Staff Update, 28/1:2, January 2004
81. **Shuer, LM**, “Managing Precious Resources”, in Medical Staff Update, 28/2:2, February 2004
82. **Shuer, LM**, “Tracing Reality”, in Medical Staff Update, 28/3:2, March 2004
83. **Shuer, LM**, “Electronic Big Picture”, in Medical Staff Update, 28/4:2, April 2004
84. **Shuer, LM**, “The Best Medical Center: Indeed!”, in Medical Staff Update, 28/5:2, 6, May 2004
85. **Shuer, LM**, “Promoting Communication for Safety”, in Medical Staff Update, 28/6:2, 6, June 2004
86. **Shuer, LM**, “Those Who Come, Move On, and Remain”, in Medical Staff Update, 28/7:2, 6, July 2004
87. **Shuer, LM**, “Working Towards Greater Efficiency”, in Medical Staff Update, 28/8:2, August/September 2004
88. **Shuer, LM**, “Membership Categories Evolve”, in Medical Staff Update, 28/9:2, 7, October 2004  
**COLUMNS:**
89. **Shuer, LM**, “X-rays On Loan”, in Medical Staff Update, 28/10/:2, 6, November 2004



90. **Shuer, LM**, “The Perfect Storm”, in Medical Staff Update, 28/11:2, 6, December 2004
91. **Shuer, LM**, “Whose Patient Is This?”, in Medical Staff Update, 29/1:2, 6, January 2005
92. **Shuer, LM**, “Well-Being Beyond Worry?”, in Medical Staff Update, 29/2:2, 6, February 2005
93. **Shuer, LM**, “Death, Donation and Deliverance”, in Medical Staff Update, 29/3:2, 8, March 2005
94. **Shuer, LM**, “Live, Die, Decide”, in Medical Staff Update, 29/4:2, 8, April 2005
95. **Shuer, LM**, “Demystifying the Ivory Tower”, in Medical Staff Update, 29/5:2, 8, May 2005
96. **Shuer, LM**, “A Rapid Response Team for Stanford”, in Medical Staff Update, 29/6:2, 8, June 2005
97. **Shuer, LM**, “Ignoring ‘Dr.X’”, in Medical Staff Update, 29/7:2, 8, July 2005
98. **Shuer, LM**, “Medicine Reconciliation-Not Between the Cracks”, in Medical Staff Update, 29/8:2, 8, August/September 2005
99. **Shuer, LM**, “An Epic Decision”, in Medical Staff Update, 29/9:2, 6, October 2005
100. **Shuer, LM**, “Are We Ready for Our Disaster”, in Medical Staff Update, 29/10:2, 6, November 2005
101. **Shuer, LM**, “Meds, Pens, Donuts and Influence”, in Medical Staff Update, 29/11:2, 6, December 2005
102. **Shuer, LM**, “Change For Everyone’s Sake”, in Medical Staff Update, 30/1:2, 6, January 2006
103. **Shuer, LM**, “Transferring Corpses and the Patients of Others”, in Medical Staff Update, 30/2:2, February 2006
104. **Shuer, LM**, “So Long, Norman Shumway”, in Medical Staff Update, 30/3:2, 4, March 2006
105. **Shuer, LM**, “Get With the Program”, in Medical Staff Update, 30/4:2, 6, April 2006
106. **Shuer, LM**, “Too Many or Too Few”, in Medical Staff Update, 30/5:2, 6, May 2006

**COLUMNS:**

107. **Shuer, LM**, “Training Tomorrow’s Physicians”, in Medical Staff Update, 30/6:2, 8, June 2006

108. **Shuer, LM**, “A Magnet For Nurses”, in Medical Staff Update, 30/7:2, July 2006
109. **Shuer, LM**, “JCAHO, A Dress Rehearsal”, in Medical Staff Update, 30/8:2, August/September 2006
110. **Shuer, LM**, “Raising the Communication Bar”, in Medical Staff Update, 30/9:2, 6, October 2006
111. **Shuer, LM**, “Massive Change!”, in Medical Staff Update, 30/10:2, November 2006
112. **Shuer, LM**, “More About Patient Safety”, in Medical Staff Update, 30/11:2, December 2006
113. **Shuer, LM**, “Overlapping Expertise”, in Medical Staff Update, 31/1:2, January 2007
114. **Shuer, LM**, “California Healthcare – and Closer To Home”, in Medical Staff Update, 31/2:2, 6, February 2007
115. **Shuer, LM**, “Good Documentation, Good Medicine, No Torture”, in Medical Staff Update, 31/3:2, 8, March 2007
116. **Shuer, LM**, “Rebuilding – the Law of Function”, in Medical Staff Update, 31/4:2, 8, April 2007
117. **Shuer, LM**, “How Big is my Envelope”, in Medical Staff Update, 31/5:2, 6, May 2007
118. **Shuer, LM**, “No VooDoo for Crews”, in Medical Staff Update, 31/6:2, 8, June 2007
119. **Shuer, LM**, “Not Your Grandfather’s JC”, in Medical Staff Update, 31/7:2, 8, July 2007
120. **Shuer, LM**, “Building a House Without the Dust”, in Medical Staff Update, 31/8:2, August/September 2007
121. **Shuer, LM**, “Logging on to a New Era”, in Medical Staff Update, 31/9:2, 8, October 2007
122. **Shuer, LM**, “Only Change Doesn’t Change”, in Medical Staff Update, 31/10:2, 8, November 2007
123. **Shuer, LM**, “Years of Service”, in Medical Staff Update, 31/11:2, 8, December 2007
124. **Shuer, LM**, “Change in the Works”, in Medical Staff Update, 32/1:2, January 2008
125. **Shuer, LM**, “Breaking Bottlenecks”, in Medical Staff Update, 32/2:2, February 2008

126. **Shuer, LM**, “Paging Dr. Semmelweis – and ‘Get into the Playground’”, in Medical Staff Update, 32/3:2, 8, March 2008
127. **Shuer, LM**, “Changes in our Work flow- and Lives”, in Medical Staff Update, 32/10:2, 10, April 2008

**PRESENTATIONS INVITED OR REFEREED:**

1. Feringa ER, **Shuer LM**, Davis SW and Vahlsing HL: “Regeneration of the Spinal Cord - Histochemical Observations”, presented at the meeting of the Society of Neurological Sciences, Aspen, Colorado, January 19, 1976
2. Feringa ER, Davis SW, **Shuer LM** and Vahlsing HL: “Spinal Cord Regeneration in the Rat, presented at the Department of Anatomy Seminar”, University of Utah School of Medicine, Salt Lake City, Utah, April 9, 1976
3. Feringa ER, **Shuer LM**, Davis SW and Vahlsing HL: “Spinal Cord Regeneration after Transection”, presented at the National Paraplegic Foundation, St. Petersburg, Florida, August 1976
4. **Shuer LM**, Feringa ER and Vahlsing HL: “Testing for Regeneration in Rat Spinal Cord with a Scintillation Counting Procedure”, presented at the Society for Neurosciences Meeting, Toronto, Canada, November 1976
5. Feringa ER, **Shuer LM**, Davis SW and Vahlsing HL: “Regeneration of Corticospinal Axons in the Rat after Spinal Cord Transection”, presented after the Eleventh World Congress of Neurology, Amsterdam, September 1977
6. **Shuer LM** and Silverberg GD: “Hemangioblastomas of the Brainstem and Spinal Cord”, presented at The Western Neurosurgical Society Meeting, Napa, California, September 23, 1985
7. **Shuer LM**: “Surgical Treatment of Intramedullary Spinal Cord Tumors”, presented at the Neurosurgical Section, California Medical Association Meeting, Los Angeles, California, February 1986
8. **Shuer LM**: “Surgical Management of Metastatic Cervical Spine Disease and Instability”, presented at the American Association of Neurological Surgeons Meeting, Denver, Colorado, April 1986
9. **Shuer LM**: “Carotid Artery Disease: A Surgeon’s Perspective”, presented at the Stroke Symposium for Santa Clara County Heart Association, San Jose, California, March 25, 1987
10. **Shuer LM**: “Special Considerations in the Transport of the Neurosurgical Patient”, presented at the Medical Transport Conference, San Francisco, California, June 16, 1987
11. **Shuer LM**: “Syringomyelia in 1987, Impact of MRI”, presented at the Western Neurosurgical Society Meeting, Banff, Canada, September 8, 1987

**PRESENTATIONS INVITED OR REFEREED:**

12. **Shuer LM**, Zaslow MA, Pearl RG, Steinberg GK, Lieberson RE and Larson CP: “Hyperglycemia Decreases Neuronal Ischemic Changes After Middle Cerebral Artery Occlusion in the Cat”, presented at the American Association of Neurological Surgeons Meeting, Toronto, Ontario, Canada, April 1988
13. **Shuer LM**: “Treatment Alternatives for Trigeminal Neuralgia”, presented at the San Francisco Neurological Society Meeting, Carmel Valley, California, February 24-26 1989
14. **Shuer LM**: “Treatment of Syringomyelia Associated with Arnold Chiari Malformations”, presented at the American Association of Neurological Surgeons Meeting, Washington D.C., April 2-6 1989
15. **Shuer LM**: “Therapeutic Options for Surgical Management of Trigeminal Neuralgia”, presented at the Western Neurosurgical Society Meeting, Sun Valley, Idaho, September 1989
16. **Shuer LM**, Silverberg GD, Goffinet DR and Mariscal M: “Interstitial Radiation Therapy for Invasive and Recurrent Pituitary Adenomas”, presented at the American Association of Neurological Surgeons Meeting, Nashville, Tennessee, April 1990
17. **Shuer LM**, Kraft S, Larson CP, Steinberg GK and Pearl RG: “Hyperglycemia Decreases Neuronal Ischemic Changes in a Rabbit Model of Focal Cerebral Ischemia”, presented at the American Association of Neurological Surgeons Meeting, Nashville, Tennessee, April 1990
18. Adler JR, Cox R, Kaplan I, Hancock S, **Shuer LM** and Bagshaw MA: “Radiosurgical Ablation of Brain Metastases; Preliminary Results in the Treatment of Adenocarcinoma”, presented at the Western Neurosurgical Society Meeting, Kawaihae, Hawaii, September 1990
19. **Shuer LM**, Lane B and Marks M: “Successful Obliteration of a Sacular Aneurysm with Microcoils Placed Transarterially”, presented at the Western Neurosurgical Society Meeting, Kawaihae, Hawaii, September 1990
20. **Shuer LM**: “Current Management and Outcome of Acute Head Injuries”, presented at the Neurosurgical Section, California Medical Association Meeting, Reno, Nevada, March 1991
21. **Shuer, LM**, Lane B and Marks M: “Platinum Microcoil Occlusion of an Acutely Ruptured Intracranial Berry Aneurysm”, presented at the American Association of Neurological Surgeons Meeting, New Orleans, Louisiana, April 1991

## **PRESENTATIONS INVITED OR REFEREED:**

22. **Shuer LM**, Donaldson S, Ruso C and Lieberman R: “Low Back Pain as a Presenting Sign in Cerebellar Astrocytoma of Childhood”, presented at the Western Neurosurgical Society, Phoenix, Az., September 1991
23. **Shuer LM**, Donaldson S, Ruso C and Lieberman R: “Low Back Pain as a Presenting Sign in Cerebellar Astrocytoma of Childhood”, presented at the Congress of Neurologic Surgeons Meeting, Orlando, Florida, October 1991
24. **Shuer LM** and Enzmann D: “Magnetic Resonance Evaluation for Determining Effectiveness of Treatment in Patients with Syringomyelia”, presented at the Congress of Neurologic Surgeons Meeting, Orlando, Florida, October 1991
25. Steinberg GK, Marks MP, **Shuer LM**, Lane B and Silverberg GD: “Therapeutic Options for the Treatment of Giant Intracranial Aneurysms”, presented at Advances in Management of Cerebrovascular Malformations Meeting, Varona, Italy, June 1992
26. Steinberg GK, Marks MP, **Shuer LM**, Lane B and Silverberg GD: “Therapeutic Options for the Treatment of Giant Intracranial Aneurysms”, presented at Western Neurosurgical Society Meeting, Whistler, Alberta, Canada, September 1992
27. Keating RF, Toth BA, Carstens M, Schendel S and **Shuer LM**: “The Role of Micro-plates in Craniofacial Reconstruction; A. Four Year Multicenter Experience”, presented at Pediatric Section of the American Association of Neurological Surgeons Meeting, Vancouver, Canada, December 1992
28. Keating RF, Toth BA, Carstens M, Schendel S and **Shuer LM**: “The Role of Micro-plates in Craniofacial Reconstruction; A. Four Year Multicenter Experience”, presented at Rigid Fixation of the Craniofacial Skeleton Symposium, Orlando, Florida, February, 1993
29. Page KA, **Shuer LM**, Silverberg GD and Morrell M: “Improving Outcome in Temporal Lobectomy: Defining the Lateral Neocortical Extent of an Epileptogenic Region on Scalp-Sphenoidal EEG”, presented at the San Francisco Neurological Society 45<sup>th</sup> Annual Meeting, Sonoma, California, March 1993
30. **Shuer LM**, Morrell MJ, Silverberg GD, Callanan M, Page K, Bush E: “Preliminary Results of the Stanford Comprehensive Epilepsy Center Monitoring Unit and Surgical Data”, presented at the Western Neurosurgical Society Meeting, Kawaiheae, Hawaii, September 1993
31. Page K, **Shuer LM**, Silverberg GD, Morrell MM: “ Improving Outcome in Temporal Lobectomy: Defining the Lateral Temporal Neocortical Extent of an Epileptogenic Region on Scalp Sphenoidal EEG”, presented at the Annual Meeting of the American Epilepsy Society, Miami, Florida, December, 1993

**PRESENTATIONS INVITED OR REFEREED:**

32. Eusterman VD, Lineaweaver WC, **Shuer LM**, Hui KC, Schendel SA, Goode RL and Fee WE: "Intracranial Vascularized Free Muscle Flap for Anterior Cranial Fossa Reconstruction", presented at the Meeting of the Western Section of the American Laryngological, Rhinological and Otological Society, Scottsdale, Arizona, January 1995
33. Eusterman VD, Lineaweaver WC, **Shuer LM**, Hui KC, Schendel SA, Goode RL and Fee WE: "Intracranial Vascularized Free Muscle Flap for Anterior Cranial Fossa Reconstruction", presented at the American Society of Reconstructive Microsurgery, January 1995
34. **Shuer LM**: "Trigeminal Neuralgia", presented at the San Francisco Neurological Society 47<sup>th</sup> Annual Meeting, Monterey, California, March, 1995
35. Ginier B, **Shuer L**, Chappell P and Enzmann D: "The Differences in Response to Surgical Decompression in CSF Flow and Brain Motion in Chiari I Patients with and without Syrinx", presented at the 33rd Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, April 1995
36. Taylor WH, **Shuer L**, Batzdorf U and Enzmann D: "Long-Term Follow-up of Chiari I and Post-Traumatic Syrinx", presented at the 33rd Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, April 1995
37. Lineaweaver W, Eusterman V, Hui K, **Shuer L**, Schendel S, Fee W and Goode R: "Intracranial Vascularized Free Muscle Flap for Treatment of Anterior Cranial Fossa Defects", presented at the First International Workshop of Reconstructive Microsurgery, Mexico City, Mexico, October 1995
38. Morrell MJ, Callanan M, Guarino EJ, Sum JM, Derdarian AT and **Shuer LM**: "Surgical Treatment of Epilepsy Arising from Cingulate and Supplementary Motor Cortex; Response to Combined Cortical Resection and Disconnection", presented at the Annual Meeting of the American Epilepsy Society, Baltimore, Maryland, December, 1995
39. **Shuer LM**: "Adult Onset Hydrocephalus", presented at the Fourth National Conference on Hydrocephalus, Sponsored by the Hydrocephalus Association at Monterey California, January, 1996
40. Lineaweaver W, Eusterman V, Hui K, **Shuer L**, Schendel S, Fee W and Goode R: "Intracranial Vascularized Free Muscle Flap for Treatment of Anterior Cranial Fossa Defects", presented at the First IPan Pacific Surgical Association 23<sup>rd</sup> Congress, Honolulu, Hawaii, January 1996
41. Ballard RE, Wilson M, Watenpaugh DE, Murthy G, **Shuer LM**, Cantrell and Yost WT: "Noninvasive Ultrasound Measurement of Intracranial Pressure During Simulated Microgravity", presented at the Annual American Institute of Aeronautics and Astronautics Meeting, Houston, Texas, March 1996

47

**PRESENTATIONS INVITED OR REFEREED:**

42. Hargens AR, Ballard RE, Wilson M, Watenpaugh DE, Murthy G, **Shuer LM**, Cantrell and Yost WT: “Noninvasive Ultrasound Measurement of Intracranial Pressure During Simulated Microgravity”, presented at the Aerospace Medical Association Meeting, Atlanta, Georgia, May 1996
43. Stover EP, Siegel LC, **Shuer LM**, Hood PA and O’Rierdan GE: “Autologous Platelet gel as an Adjunct in the Repair of Dural Wounds”, presented at the Western Neurosurgical Society Meeting, Lanai, Hawaii, September 1996
44. **Shuer LM**, Schendel SA, Turk A, and Shuster B: “Surgical Technique for Correction of Posterior Plagiocephaly”, presented at the Congress of Neurological Surgeons 46<sup>th</sup> Annual Meeting, Montreal, Quebec, Canada, September 1996
45. **Shuer LM**, Stover EP, Siegel LC, Hood PA and McKenna TR: “Autologous Platelet gel as an Adjunct in the Repair of Dural Wounds”, presented at the Congress of Neurological Surgeons 46<sup>th</sup> Annual Meeting, Montreal, Quebec, Canada, September 1996
46. Toczek MT, Morrell MJ, Risinger MW, **Shuer LM**: “Intracranial Ictal Recordings in Mesial Frontal Lobe Epilepsy”, presented at the Annual Meeting of the American Epilepsy Society, San Francisco, California, December 1996
47. Ueno T, Ballard RE, **Shuer LM**, Cantrell JH, Yost WT and Hargens AR: “Noninvasive Measurement of Pulsatile Intracranial Pressure using Ultrasound”, presented at the 10th International Symposium on Intracranial Pressure, Williamsburg, Virginia, May 1997
48. Beck C, Carragee EJ, Khruana, SK and **Shuer LM**: “Single-Level Anterior Cervical Discectomy With and Without Interbody Fusion for Persistent Cervical Radiculopathy Without Myelopathy: A Clinical Outcome Study at Two to Four Years After Surgery”, presented at the Congress of Neurological Surgeons 47<sup>th</sup> Annual Meeting, New Orleans, Louisiana, September 1997
49. Ueno T, Ballard RE, **Shuer LM**, Cantrell JH, Yost WT and Hargens AR: “Postural Effects on Intracranial Pressure as Assessed Noninvasively” presented at the International Society of Gravitational Physiology, Rome, June 1998
50. **Shuer L**: “Surgical Treatment of Trigeminal Neuralgia” presented at the Western Neurosurgical Society meeting, Silverado, California, September 1998
51. **Shuer L**: “Surgical Treatment of Trigeminal Neuralgia” presented at Advances in Clinical Neurosciences V, Palm Springs, California, January 1999



**PRESENTATIONS INVITED OR REFEREED:**

52. Turk AE, Schendel SA, **Shuer LM** and Huhn SL: “The Difference In Syndromic and Non-Syndromic Patients Using Lactosorb and Bone Cement in Craniofacial Reconstruction” presented at the American Cleft Palate-Craniofacial Association Annual Meeting, Scottsdale, Arizona, April 1999
53. Beck C, Heit G and **Shuer LM**: “Complications of Intrathecal Infusion Pump Therapy” presented at the Congress of Neurological Surgeons 49th Annual Meeting, Boston, Massachusetts, October 1999
54. **Shuer L**: “Hypothermia and Brain Protection in Neurosurgery” presented at the National Telemedicine Symposium, Shantou-Beijing, China, November 1999
55. Golby AJ, Poldrack JI, Brewer JB, **Shuer LM**, Cheng J, Desmond JE and Gabrieli DE: “Novelty-Associated Mesial Temporal Lobe Activation During Memory Encoding In Patients With Mesial Temporal Lobe Epilepsy” presented at the Society for Neuroscience Annual Meeting, New Orleans, Louisiana, November, 2000
56. Dembner JM and **Shuer LM**: “Cranial Molding Helmets for Posterior Deformational Plagiocephaly” presented at the 51st Congress of Neurological Surgeons Meeting, San Diego, California, September, 2001
57. Golby, AJ, Poldrack JI, Illes J, **Shuer LM**, Cheng D, Desmond JE and Gabrieli DE: “Functional Magnetic Resonance Imaging in the Assessment of Memory Lateralization in Medial Temporal Lobe Epilepsy” presented at the 51st Congress of Neurological Surgeons Meeting, San Diego, California, September, 2001
58. Steinberg GK, Ogilvy, Giannotta S, Connolly ES, **Shuer LM**, Solomon R, Casal E, Bell-Stephens T, Balo A: “Multi-center Trial of A Venous Catheter for Temperature Control During Aneurysm Surgery: Preliminary Review of the TCAS” presented at the 51<sup>st</sup> Congress of Neurological Surgeons Meeting, San Diego, California, September, 2001
59. Dembner JM and **Shuer LM**: “Cranial Molding Helmets for Posterior Deformational Plagiocephaly” presented at the San Francisco Neurological Society Meeting, Aptos, California, March 2002 (Newman Award Winner)
60. Oyelese AO, Kim DH and **Shuer LM**: “Management and Outcome of Extradural Spinal Meningiomas” presented at the 52<sup>nd</sup> Congress of Neurological Surgeons Meeting, Philadelphia, Pennsylvania, September, 2002
61. Huhn SL, Jaikumar S, **Shuer LM**, and Silverberg GD:” Outcome of Endoscopic Third Ventriculostomy in Adult Shunt Dependant Non-Communicating Hydrocephalus” presented at the Western Neurosurgical Society Meeting, Victoria, British Columbia, Canada, October, 2002
62. **Shuer LM**: “Trigeminal Neuralgia” presented at the North American Medical-Dental Conference, Snowbird, Utah, December 2007

63. **Shuer LM:** “Brain Abscess and Infections” presented at the North American Medical Dental Conference, Snowbird, Utah, December 2007
64. **Shuer LM:** “Craniosynostosis” presented at the North American Medical-Dental Conference, Snowbird, Utah, December 2007
65. **Shuer LM:** “Brain and Spine Trauma” presented at the Association of Ski Defense Attorneys Meeting, Northstar, California, March 2008

**UNREFEREED PRESENTATIONS:**

1. **Shuer LM:** “Treatment of Atlanto Occipital Instability”, presented at the John W. Hanbery Society, Topeka, Kansas, September, 1983
2. **Shuer LM:** “Hemangioblastomas of the Brainstem and Spinal Cord”, presented at the John W. Hanbery Society, Sonoma, California, August 1984
3. **Shuer LM:** “The Pediatric Neurosurgical Patient”, presented at the Pediatric Critical Care Course, Stanford, California, February 25, 1985
4. **Shuer LM:** “Technical Advances in Neurological Surgery, MRI, Stereotactic Surgery, and Interventional Neuroradiology”, presented at the John W. Hanbery Society, Solvang, California, September, 1985
5. **Shuer LM:** “Treatment of Head Injuries”, presented at Advanced Trauma Life Support course, Stanford, California, November 14, 1985
6. **Shuer LM:** “Management of Head Injuries”, presented at Interdisciplinary Trauma Symposium, Stanford, California, November 15, 1985
7. **Shuer LM:** “Stereotactic Neurosurgery, Experience at Stanford”, presented at the John W. Hanbery Society, Fallen Leaf Lake, California, October, 1986
8. **Shuer LM:** “Syringomyelia, A Review of Recent Experience”, presented at the John W. Hanbery Society, Eureka, California, August, 1987
9. **Shuer LM:** “Treatment of Syringomyelia Associated with Chiari Malformations”, presented at the John W. Hanbery Society, Bend, Oregon, August 1988
10. **Shuer LM:** “Treatment Alternatives for Trigeminal Neuralgia”, presented at the John W. Hanbery Society, Carmel Valley, California, August 1989
11. **Shuer LM, Lane B and Marks M:** “Interventional Neuroradiology and Saccular Aneurysms, Successes and Failures”, presented at the John W. Hanbery Society, Lake Tahoe, California, August 1990
12. **Shuer LM:** “Unusual Aspects of Pediatric Posterior Fossa Tumors”, presented at the John W. Hanbery Society, Lake Arrowhead, California, July 1991
13. **Shuer LM:** “Surgical Stabilization of the Cervical Spine for Complex Problems”, presented at the John W. Hanbery Society, Newport Beach California, July 1992
14. **Shuer LM:** “Surgical Treatment of Epilepsy at Stanford”, presented at the John W. Hanbery Society, Squaw Valley, California, August 1993

**UNREFEREED PRESENTATIONS:**

15. **Shuer LM:** “Reconstructing the Malformed Head”, presented at the John W. Hanbery Society, Grand Rapids, Michigan, October 1994
16. **Shuer LM:** “Head Injury”, presented at Advances in Neuroscience Nursing, Stanford, California, November, 1994
17. **Shuer LM:** “The Diagnosis and Treatment of Hydrocephalus”, presented at The Hydrocephalus Association, Stanford California, November, 1994
18. **Shuer LM:** “Head Injury”, presented at Advances in Neuroscience Nursing Stanford, California, February, 1995
19. **Shuer LM:** “Neurosurgery at Stanford, Changes, Challenges”, presented at the John W. Hanbery Society, Lake Tahoe, California, August, 1995
20. **Shuer LM:** “Posterior Plagiocephaly, the Controversy”, presented at the John W. Hanbery Society, Sacramento, California, August, 1996
21. **Shuer LM:** “UCSF-Stanford and It’s Implication for Neurosurgery”, presented at the John W. Hanbery Society, Stanford, California, August, 1997
22. **Shuer LM:** “The PATH Stanford Has Taken”, presented at the John W. Hanbery Society. Catalina Island, California, August 1998
23. **Shuer LM:** “UCSF Stanford Merger”, presented at the John W. Hanbery Society, Carmel, California, August 1999
24. **Shuer LM:** “UCSF-Stanford, The Failed Experiment” presented at the John W. Hanbery Society, Napa, California, August 2000
25. **Shuer LM:** “Surgical Approaches for Epilepsy” presented at the John W. Hanbery Society, Sunriver, Oregon, August 2001
26. **Shuer LM:** “Current Management and Outcome of Acute Head Injuries” presented at Traumatic Brain Injury Conference, Napa, California, February 2002
27. **Shuer LM:** “An Update on Surgical Management of Epilepsy” presented at the John W. Hanbery Society, Cabo San Lucas, Mexico, August 2002
28. Dembner JM and **Shuer LM:** “Plagiocephaly and Helmet Therapy” presented at the John W. Hanbery Society, Cabo San Lucas, Mexico, August 2002
29. **Shuer LM:** “Understanding Malpractice Statistics” presented at the John W. Hanbery Society, Prout’s Neck, Maine, August 2003
30. **Shuer LM:** “Delayed Spinal Cord Herniation Following Anterior Cervical Corpectomy” presented at the John W. Hanbery Society, Four Seasons Resort Maui at Wailea, Hawaii, August 2005

31. **Shuer LM:** “Cervical Laminoplasty, An Alternative Treatment For Spinal Stenosis” presented at the John W. Hanbery Society, Fairmont Chateau Whistler, British Columbia, August 2006

**Presentations to Other Services Grand Rounds, etc.**

Radiation Oncology.	Brain Tumors
General Surgery	Head Injury Reconstruction of Malformed Head
Pediatrics	Head Injury Craniosynostosis
Infectious Disease	Epidural Abscess
Neurology	Epilepsy Surgery
Neurosurgical ResidentsDidactic Sessions	Trigeminal Neuralgia Syringomyelia Craniofacial Resections for Head and Neck Tumors
Neurosurgical Nursing Review	Current Management of Head Injuries
The Hydrocephalus Association	Evaluation and Management of Hydrocephalus
Head Injury Prevention, various audiences	Think First, Head Injury Prevention Program