

## CURRICULUM VITAE

### NAME

James Edmund Baumgartner, M.D.

### PRESENT TITLE AND AFFILIATION

Associate/Pediatric Neurosurgery Associates  
Memorial Hermann Hospital  
Houston, Texas

### CITIZENSHIP

U.S.A.

### HOME ADDRESS

3418 Georgetown  
Houston, TX 77005  
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### OFFICE ADDRESS

6410 Fannin Street  
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### CLINIC ADDRESS

Pediatric Neurosurgery Associates  
6411 Fannin Street  
Jones Basement, JB 300  
Houston, TX 77030  
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### EDUCATION

#### Degree-Granting Education

University of Michigan, Ann Arbor, MI, B.S., 1975-1979, Microbiology  
Cambridge University, England, M. Phil., 1979-1981, Pharmacology  
University of Michigan, Ann Arbor, MI, M.D., 1981-1985, Medicine

#### Postgraduate Training

Internship, Surgery, University of California San Francisco, 1985-1986

Resident, Neurosurgery, University of California San Francisco, 1986-1991

Fellow, Pediatric Neurosurgery, University of California San Francisco,  
1991-1992

## **CREDENTIALS**

### **Board Certification**

Board Certified in Neurosurgery – November 1999  
Certificate Number 99068

### **Licensure(s)**

#### **Active**

Texas, J2492 – Issued November 14, 1992

#### **Inactive**

N/A

## **EXPERIENCE/SERVICE**

### **Academic Appointments**

Clinical Instructor in Neurosurgery  
University of California San Francisco, 1991-1992

Assistant Professor of Neurosurgery  
The University of Texas Health Science Center at Houston  
Medical School, 1992-1996

Clinical Assistant Professor of Neurosurgery  
The University of Texas System  
M.D. Anderson Cancer Center, 1992-2003

Associate Professor of Surgery (Pediatric)  
The University of Texas Health Science Center-Houston  
The University of Texas Medical School-Houston, 1996-2005

Associate Professor of Neurosurgery (Pediatric)  
The University of Texas Health Science Center-Houston  
The University of Texas Medical School-Houston, 2005-2006

### **Academic Administrative Appointments/Responsibilities**

Medical Director, Pediatric Neurosurgery  
Shriner's Hospital for Crippled Children, 1994-Present

### **Institutional Committee Activities**

N/A

### **Other Appointments/Responsibilities**

Shriner's Hospital for Crippled Children, Consulting, 1994-12/04/2007  
Woman's Hospital of Texas, Consulting, 12/09/2004-01/01/2007  
Epilepsy Foundation of Southeast Texas, Professional Advisory Board, 2005-2008  
Texas Institute of Rehabilitation and Research, Consulting, 03/17/2005-3/17/2007

### **Consultantships**

N/A

### **Military or Other Governmental Service**

N/A

## HONORS AND AWARDS

Power Exchange Scholarship, Cambridge University, England, 1979-1981

## RESEARCH

### Grants and Contracts

National Institute of Neurological Diseases and Stroke 1 R01 NS 046308-01A1; \$2,041,404 TDC) – 2004-2008. “*Academic Outcomes After Pediatric Traumatic Brain Injury*”. Principal Investigator, Linda Ewing-Cobbs, Ph.D.; Co-Investigator(s) James E. Baumgartner, M.D., et al.

National Institutes of Health M01 RR 02558; \$30,000 – 2006-2007. “*Safety of Autologous Stem Cell Treatment for Traumatic Brain Injury in Children*”. Principal Investigators: Charles S. Cox, Jr., M.D., James E. Baumgartner, M.D.

National Institutes of Health R01 N 537941-01A1; \$2,674,447 – 12/01/1999-11/30/2003. “*Contributions of MEG to the Surgical Management of Epilepsy*”. Principal Investigator: Andrew Papanicolaou, Ph.D., Co-Investigator(s): James E. Baumgartner, M.D., et al.

### Funded Protocols

N/A

### Patents Granted and Pending

N/A

### Grant Reviewer/Service on NIH/Other Study Sections

N/A

## BIBLIOGRAPHY

### a. Articles in Peer-Reviewed Journals

1. Helling RB et al. Organization of chloroplast rRNA genes of *Euglena gracilis bacillaris*. *Molecular Gen Genet*, 1979; 174:1-10.
2. Dunnick WA et al. Methylation of plasmacytoma c-myc genes. *Gene*, 1985; 39:287-92.
3. Netland PA, **Baumgartner JE**, Andrews BT. Intraoperative anaphylaxis after irrigation with bacitracin: Case report. *Neurosurgery*, 1987; 21:927-8.
4. **Baumgartner JE**, Rachlin JR, Beckstead JH, Meeker TC, Levy RM, Wara WM, Rosenblum ML. Primary central nervous system lymphomas: natural history and response to radiation therapy in 55 patients with acquired immunodeficiency syndrome. *Journal of Neurosurgery*, 1990; 73:206-11.
5. Meeker TC, et al. Evidence for molecular subtypes of HIV-associated lymphoma: Division into peripheral monoclonal, polyclonal and central nervous system lymphoma. *AIDS*, 1991; 5:669-74.
6. Gillespie SM, Chang Y, Lemp G, Ray A, Buchbinder S, Steimle A, **Baumgartner JE**, Rando TM, Neal D, Rutherford G. Leukoencephalopathy in persons with human immunodeficiency virus. *Ann Neurol*, 1991; 30:597-604.

7. Nu FD, Spellman J, Sato M, **Baumgartner JE**, Ciricillo SF, Severinghaus JW. Anomalous hypoxic acidification of the medullary ventral surface. *J App Physiol*, 1991; 71:2211-17.
8. Meeker TC, Shiramizu B, Kaplan L, Herndier B, Sanchez H, Grimaldi JC, **Baumgartner J**, Rachlin J, Feigal E, Rosenblum M, et al. Evidence for molecular subtypes of HIV-associated lymphoma: Division into peripheral monoclonal, polyclonal and central nervous system lymphoma. *Aids (London, England)*, 1991; 5:669-74.
9. Xu FD, Spellman MJ Jr, Sato M, **Baumgartner JE**, Ciricillo SF, Severinghaus JW. Anomalous hypoxic acidification of medullary ventral surface. *Journal of Applied Physiology (Bethesda, MD: 1985)*, 1991; 71:2211-7.
10. **Baumgartner JE**, Edwards MS. Pineal tumors. *Neurosurgery Clinics of North America*, 1992; 3:853-62.
11. **Baumgartner JE**, Clifton GL, Wheless JW, Wilmore LJ, Curtis VL, Brookshire BL, Sorenson J. Corpus Callostomy. *Techniques in Neurosurgery*, 1995; (1):45-51.
12. Herzog CE, Leeds NE, Bruner JM, **Baumgartner JE**. Intracranial hemangiopericytomas in children. *Pediatric Neurosurgery*, 1995; 22:274-9.
13. **Baumgartner JE**, Sorenson JM. Meningiomas in the pediatric population. *Journal of Neuro-oncology*, 1996; 39:223-8.
14. Fletcher JM, Bohan TP, Brandt ME, Kramer LA, Brookshire BL, Thorstad K, Davidson KC, Francis DJ, McCauley, **Baumgartner JE**. Morphometric evaluation of the hydrocephalic brain: Relationships with cognitive development. *Child's Nervous System*. 1996; 12:192-9.
15. **Baumgartner JE**, Sorenson JM. Meningioma in the pediatric population. *Journal of Neuro-oncology*. 1996; 29:223-8.
16. Sorenson JM, Wheless JW, **Baumgartner JE**, Thomas AB, Brookshire BL, Clifton GL, Willmore LJ. Corpus callosotomy for medically intractable seizures. *Pediatric Neurosurgery*, 1997; 27:260-7.
17. **Baumgartner JE**, Wheless JW, Kulkarni S, Northrup H, Kit-Sing A, Smith A, Brookshire BL. On the surgical treatment of refractory epilepsy in tuberous sclerosis complex. *Pediatric Neurosurgery*., 1997; 27:311-8.
18. Razack N, **Baumgartner JE**, Bruner J. Pediatric oligodendrogliomas. *Pediatric Neurosurgery*., 1998; 28:121-29.
19. Wheless JW, Willmore LJ, Breier JI, Kataki M, Smith JR, King DW, Meador KJ, Park YD, Loring DW, Clifton GL, **Baumgartner J**, Thomas AB, Constantinou JE, Papanicolaou AC. A comparison of magnetoencephalography, MRI, and V-EEG in patients evaluated for epilepsy surgery. *Epilepsia*, 1999; 40 (7):931-41.
20. Prasad MR, Ewing-Cobbs L, **Baumgartner J**. Crush head injuries in infants and young children neurologic and neuropsychologic sequelae. *Journal of Child Neurology*, 1999; 14:496-501.

21. Ewing-Cobbs L, Prasad M, Kramer L, Louis P, **Baumgartner J**, Canales DN, Fletcher JM, Vollero H, and Alpert B. Acute neuroradiologic findings in young children with inflicted and accidental traumatic brain injury. *Child Nerv. Syst.* 16:25-34, 2000.
22. Wheless JW, **Baumgartner JE**, Ghanbari C. Vagus Nerve Stimulation and the Ketogenic Diet. *Neurology Clinics of America.* 2001;19 (2):371-407.
23. Breier JI, Simos PG, Wheless JW, Constantinou JE, **Baumgartner JE**, Venkataraman V, Papanicolaou AC. Language dominance in children as determined by magnetic source imaging and the intracarotid amobarbital procedure: A comparison. *Journal of Child Neurology.* 2001;16 (2):124-30.
23. Papanicolaou AC, Simos PG, Breier JI, Wheless JW, Mancias P, **Baumgartner JE**, Maggio WW, Gormley W, Constantinou JEC, Butler II. Brain plasticity for sensory and linguistic functions: a functional imaging study using magnetoencephalography with children and young adults. *Journal of Child Neurology.* 2001;16:241-52.
24. Wheless JW, **Baumgartner J**, Ghanbari C. Vagus nerve stimulation and the ketogenic diet. *Neurologic Clinics,* 2001; 19:371-407.
25. Szmuk P, Rabb MF, **Baumgartner JE**, Berry JM, Sessler AM, Sessler DI. Body morphology and the speed of cutaneous rewarming. *Anesthesiology,* 2001; 95:18-21.
26. Ishibashi H, Simos PG, Wheless JW, **Baumgartner JE**, Kim HL, Castillo EM, Davis RN, Zhang W, Papanicolaou AC. Multimodality functional imaging evaluation in a patient with Rasmussen's encephalitis. *Brain & Development.* 2002; 24 (4):239-44.
27. Ishibashi H, Simos PG, Wheless JW, Zhang W, **Baumgartner JE**, Castillo EM, Papanicolaou AC. Somatosensory evoked magnetic fields in hemimegalencephaly. *Neurological Research.* 2002; 24:459-62.
28. Seymour-Dempsey K, **Baumgartner JE**, Teichgraeber JF, Xia JJ, Waller AL, Gateno J. Molding helmet therapy in the management of sagittal synostosis. *The Journal of Craniofacial Surgery.*, 2002; 13:631-5.
29. Ishibashi H, Simos PG, Wheless JW, **Baumgartner JE**, Kim HL, Castillo EM, Davis RN, Papanicolaou AC. Localization of ictal and interictal bursting epileptogenic activity in focal cortical dysplasia: agreement of magnetoencephalography and electrocorticography. *Neurological Research,* 2002; 24:525-30.
30. Zhang W, Simos PG, Ishibashi H, Wheless JW, Castillo EM, Kim HL, **Baumgartner JE**, Sarkari S, Papanicolaou AC. Multimodality neuroimaging evaluation improves the detection of subtle cortical dysplasia in seizure patients. *Neurological Research,* 2003; 25:53-7.
31. Zhang W, Simos PG, Ishibashi H, Wheless JW, Castillo EM, Breier JI, **Baumgartner JE**, Fitzgerald ME, Papanicolaou AC. Neuroimaging features of epidermal nevus syndrome. *American Journal of Neuroradiology.* 2003;24 (7):1468-70.

32. **Baumgartner JE**, Ater JL, Ha CS, Kuttesch JF, Leeds NE, Fuller GN, Wilson RJ. Pathologically proven cavernous angiomas of the brain following radiation therapy for pediatric brain tumors. *Pediatric Neurosurgery*, 2003; 39:201-7.
33. Teichgraeber JF, Seymour-Dempsey K, **Baumgartner JE**, Xia JJ, Waller AL, Gateno J. Molding helmet therapy in the treatment of brachycephaly and plagiocephaly. *The Journal of Craniofacial Surgery*, 2004; 15:118-23.
34. Wheless JW, **Baumgartner JE**. Vagus nerve stimulation. *Drugs of Today (Barc)*, 2004; 40(6):501-15.
35. Castillo EM, Simos PG, Wheless JW, **Baumgartner JE**, Breier JI, Billingsley RL, Sarkari S, Fitzgerald ME, Papanicolaou AC. Integrating sensory and motor mapping in a comprehensive MEG protocol: Clinical validity and replicability. *Neuroimage*. 2004; 21 (3):973-83.
36. Pataria E, Simos PG, Castillo EM, Billingsley RL, Sarkari S, Wheless JW, Maggio V, Maggio W, **Baumgartner JE**, Swank PR, Breier JI, Papanicolaou AC. Does magnetoencephalography add to scalp video-EEG as a diagnostic tool in epilepsy surgery?. *Neurology*. 2004; 62:943-8.
37. **Baumgartner JE**, Seymour-Dempsey K, Teichgraeber JF, XIA JJ, Waller AL, Gateno J. Nonsynostotic scaphocephaly: the so-called sticky sagittal suture. *J Neurosurg (Pediatrics 2)*, 2004;101:16-20.
38. McGregor A, Wheless J, **Baumgartner J**, Bettis D. Right-sided vagus nerve stimulation as a treatment for refractory epilepsy in humans. *Epilepsia*, 2005; 46(1):91-96.
39. **Baumgartner JE**, Teichgraeber JF, Waller AL, Grantcherova E, Gateno J, Xia JJ. Microscopic approach to craniosynostosis. *J Craniofac Surg*. 16(6): 997-1005, 2005.
40. Ewing-Cobbs L, Prasad MR, Kramer L, Cox C Jr, **Baumgartner J**, Fletcher S, Mendez D, Barnes M, Zhang X, Swank P. Late intellectual and academic outcomes following traumatic brain injury sustained during early childhood. *J Neurosurg: (4 Suppl Pediatrics)* 105:287-296, 2006.

**b. Invited Articles**

N/A

**c. Editorials**

N/A

**d. Other Articles**

N/A

**e. Abstracts**

1. Treatment of Arachnoid Cysts in Refractory Epilepsy . **Baumgartner JE**, Clifton GL, Wheless JW, Wilmore LJ. American Association of Neurological Surgeons Annual Meeting, Denver, 1997 (Poster presentation)
2. Razack N, **Baumgartner J**, Bruner, J. Pediatric Oligodendrogliomas. Congress of Neurological Surgeons Annual Meeting, New Orleans, 1997 (Poster presentation)

3. Young R III, **Baumgartner JE**. Magnetic Source Imaging as a Preoperative Diagnostic Tool. Congress of Neurological Surgeons Annual Meeting, Pediatric Section, Seattle, 1998 (Poster presentation).
4. Denning J, **Baumgartner J**, Young R III, Ewing-Cobb L. Television Set Head Injuries in Children. Congress of Neurological Surgeons Annual Meeting, Pediatric Section, Seattle, 1998 (Poster presentation).
5. **Baumgartner J**, Teichgraeber J, Young RL III. Postoperative Cranial Headmolding in Complex Craniosynostosis. American Association of Neurological Surgeons Annual Meeting, New Orleans, 1999 (Poster presentation)
6. **Baumgartner J**, Venkataraman V, Wheless JW, Constantinou J. Vagal Nerve Stimulation in the Pediatric Population: An Early Experience. American Association of Neurological Surgeons Annual Meeting, New Orleans, 1999 (Poster presentation).
7. **Baumgartner JE**, Teichgraeber JF, Seymour-Dempsey K. Scaphocephaly without Synostosis: The Sticky Sagittal Suture. Congress of Neurological Surgeons Annual Meeting, Pediatric Section, Philadelphia, 2002 (Oral presentation)
8. **Baumgartner JE**, Wheless JW. Management of Arachnoid Cysts in Children with Refractory Epilepsy. Congress of Neurological Surgeons Annual Meeting, Pediatric Section, Philadelphia, 2002, (Oral presentation).
9. **Baumgartner JE**, Teichgraeber JF. Microscopic Approach to Craniosynostosis. American Association of Neurological Surgeons Annual Meeting, 2004 (Oral presentation)
10. **Baumgartner JE**, Hollinger LE, Teichgraeber JF. A Comparison of Open and Minimally Invasive Procedures for Craniosynostosis. American Association of Neurological Surgeons/Section on Pediatric Neurological Surgery Annual Meeting, Orlando, Florida, 2005 (Oral presentation)
11. **Baumgartner JE**, Fletcher SA, Meiner ST, Tanaka L, Colasurdo G, Cua B, Strobel N, Sharp L. Use of Controlled Hyperosmolality with Hypertonic Saline Solutions in Traumatic Brain Injury: Case Study of 16 Pediatric Patients. American Association of Neurological Surgeons/Section on Pediatric Neurological Surgery Annual Meeting, Orlando, Florida, 2005 (Oral presentation)
12. **Baumgartner JE**, Baker J, Fletcher SA. Seizure Control Following Temporal Lobectomy in Children: experience at Memorial Hermann Children's Hospital, Houston, Texas. American Association of Neurological Surgeons/Section on Pediatric Neurological Surgery Annual Meeting, Orlando, Florida, 2005 (Oral presentation).
13. Sharp, LL, **Baumgartner JE**, Fletcher SA, Clarke D, Meiner ST. Corpus Callasotomy: A Six Year Experience of Clinical Outcomes for Patients with Intractable Epileptic Seizures. American Association of Neurological Surgeons/Section on Pediatric Neurological Surgery Annual Meeting, Orlando, Florida, 2005 (Oral presentation).
14. Lee RPS, Teichgraeber JF, **Baumgartner JE**, Waller A, Xia JJ, English JD, Gateno J. Long-term treatment effectiveness of molding helmet therapy in the correction of posterior deformational plagiocephaly: A five year follow-up. 2006 Annual Meeting of American Cleft Palate-Craniofacial Association, Vancouver, Canada. April 2006

15. **Baumgartner JE**, Teichgraeber JF, Waller A, Xia JJ, Gateno J. A protocol for the microscopic minimally invasive approach to sagittal craniosynostosis. 2006 Annual Meeting of American Cleft Palate-Craniofacial Association, Vancouver, Canada. April 2006

**f. Book Chapters**

1. **Baumgartner JE**, Wilson CB. Removal of posterior fossa and spinal hemangioblastoma. In: Wilson CB (Ed.) Current Neurosurgical Practice, Volume 5, Techniques in Neurosurgery: Neurosurgeons and their Operations, Williams and Wilkins, Baltimore, 1992
2. **Baumgartner JE**, Edwards MS. Pineal region tumors. In : Ed Berger MS, (Ed.) Neurosurgical Clinics of North America: W.B. Saunders, New York. October 1992
3. **Baumgartner JE**, Andrews BT, Rosenblum ML. Primary CNS Lymphoma. In: R. Morantz, (Ed.) Handbook of Brain Tumors, Marcel Decker New York, 1993
4. **Baumgartner JE**, Edwards MS. Pineal region tumors. In : Cheek WR (Ed.) Pediatric Neurosurgery, W.B. Saunders, Philadelphia 1993

**g. Books (edited and written)**

N/A

**h. Letters to the Editor**

N/A

**i. Manuals, Teaching Aids, Other Publications**

N/A

**j. Other**

N/A

**EDITORIAL AND REVIEW ACTIVITIES**

**Editor/Service on Editorial Board(s)**

N/A

**TEACHING**

**Within Current Institution**

**Formal Teaching**

N/A

**Courses Taught**

N/A

**Training Programs**

N/A

**Other Educational Programs**

UTHSC-Houston, Medical School, Summer Research Program for MS I Students  
Tulane University at Baylor College of Medicine, The Rudolph Matas Surgical Society  
Preceptorship Program, Spring 2005

UTHSC-Houston, Medical School, The Physical Diagnosis Course Clinical Preceptorship  
Program, Fall 2005



UTHSC-Houston, Medical School, The Physical Diagnosis Course Clinical Preceptorship Program, Spring 2006

**Supervisory Teaching  
Advisory Committees**

N/A

**Supervisory Committees**

N/A

**Direct Supervision**

**Undergraduate and Allied Health Students**

N/A

**Medical Students**

UTHSC-Houston, Medical School

**Graduate Students**

N/A

**Residents and Fellows**

UTHSC-Houston, Medical School, Residents  
UTMB-Galveston, Residents

**Outside of Current Institution**

**Organization of National or International Conferences/Symposia (include chairing session)**

**Presentations at National or International Conferences**

Edwards MS, **Baumgartner JE**, Hudgins R, Wilson CB. Management of Craniopharyngioma in Children. Section of Pediatric Neurological Surgeons of The American Association of Neurological Surgeons, December 1987

**Baumgartner JE**, Edwards MS, Crittenden MR. Neuropsychological Outcome in Children Following Surgical Treatment of Craniopharyngioma. The Annual Meeting of The American Association of Neurological Surgeons, April 1988

Rosenblum ML, Levy RM, Bredesen DE, **Baumgartner JE**, Rachlin J. Primary Central Nervous System Lymphomas: Past, Present, and Future – A New Epidemic. The Annual Meeting of The American Association of Neurological Surgeons, April 1988

**Baumgartner JE**, Weinstein PR, Dillon WP, Heath S. Patterns of Perioperative Gadolinium Enhancement in Lumbar Spine Surgery. The 59<sup>th</sup> Annual Meeting of The American Association of Neurological Surgeons, April 1991

**Baumgartner JE**, Bruce DA, Laws ER. Craniopharyngiomas. Congress of Neurological Surgeons 43rd Annual Meeting, October 1993

**Baumgartner JE**, Ater J, Broenner J, Leeds N. Surgical Management of Childhood Oligodendrogliomas. Sixth International Symposium on Pediatric Neuro-Oncology, May 1994

**Baumgartner JE**, Clifton GL, Wheless J, Wilmore Jr. LJ, Sorenson JM. Open and Radiofrequency Corpus Callostomy in the Management of Intractable Epilepsy. The 63rd Annual Meeting of The American Association of Neurological Surgeons, April 1995

**Baumgartner JE**, Clifton GL, Wheless JW, Wilmore LJ, Sorenson JM. Approach to the Epileptic Patient With An Arachnoid Cyst: Etiologies of the Epilepsies, May 1996

**Baumgartner JE**, Smith A, Wheless JW. Surgical Treatment of Refractory Epilepsy in Tuberous Sclerosis. American Society of Pediatric Neurological Surgeons 20th Annual Meeting, January 1997

**Baumgartner JE**, Clifton GL, Wheless JW, Wilmore LJ, Sorenson JM. Treatment of Arachnoid Cysts in Refractory Epilepsy. The 65th Annual Meeting of The American Association of Neurological Surgeons, April 1997

**Baumgartner JE**. Surgical Management of Refractory Epilepsy TSC. Advances in Neurogenetic Disorders and Tuberous Sclerosis, Molecular Aspects and Nutritional Treatment International Symposium, April 1998 (invited lecture)

**Baumgartner JE**, Ater J, Fuller G, Kuttesch J, Leeds N, Ha C, Wilson R. Pathologically Proven Cavernous Angioma of Brain Following Radiation Therapy for Pediatric Brain Tumors. Eighth International Symposium on Pediatric Neuro-Oncology, May 1998

Wilke LG, Cox CC, **Baumgartner J**, Wilke NP, Teitelbaum DH, Hirschl RB. The Television as An Agent of Pediatric Trauma. American Academy of Pediatrics, Surgical Section, October 1998.

**Baumgartner JE**, Teichgraeber JF, Young RL. Postoperative Cranial Head Molding in Complex Craniosynostosis. The 67th Annual Meeting of The American Association of Neurological Surgeons, April 1999

Teichgraeber JF, Ault JK, **Baumgartner JE**, Waller A, Messersmith M, Gateno J, Braufnel B. Deformational Posterior Plagiocephaly: Diagnosis and Treatment. American Cleft Palate-Craniofacial Association Atlanta Meeting, April 2000

**Baumgartner JE**, Teichgraeber J, Grantcherova E, Waller A. Microscopic Approach to Craniosynostosis. International Society of Craniofacial Surgery, Xth International Congress, Monterey, CA, September 21-24, 2003.

Chacon MM, Clarke DC, Wheless JW, Brier J, Weers D, McManis M, Castillo E, **Baumgartner JE**. Corpus Callosotomy: An Old Therapeutic Technique as a New Diagnostic Approach to Identifying Resectable Epileptogenic Foci. 33<sup>rd</sup> Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery, San Francisco, CA, December 8-11, 2004.

**Baumgartner JE**. Non-Invasive Pre-Operative and Intra-Operative Brain Mapping and Treatment of Epilepsy Practical Clinic "Corpus Callosotomy". 73<sup>rd</sup> American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, April 16-21, 2005 (invited lecture)

**Baumgartner JE**. Non-Invasive Pre-Operative and Intra-Operative Brain Mapping and Treatment of Epilepsy Practical Clinic "Vagal Nerve Stimulation". 73<sup>rd</sup> American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, April 16-21, 2005 (invited lecture)

**Baumgartner JE**. Seizure Control Following Temporal Lobectomy in Children: Experience at Memorial Hermann Children's Hospital, Houston. 34<sup>th</sup> American Association of Neurological Surgeons Annual Meeting, Orlando, FL, November 29-December 2, 2005.

**Baumgartner JE** and Roper SN, Coordinator. Special Interest Group: "Surgery - Defining Boundaries of Surgical Candidacy", 59<sup>th</sup> American Epilepsy Society (AES) / American Clinical Neurophysiology Society (ACNS) Joint Annual Meeting, Washington, DC, December 2-6, 2005.

**Baumgartner JE**. Non-Invasive Pre-Operative and Intraoperative Brain Mapping and Treatment of Epilepsy Practical Course, "Disconnections: Callosotomy, Hemispherectomy." 74<sup>th</sup> American Association of Neurological Surgeons Annual Meeting, San Francisco, CA, April 21-27, 2006 (invited lecture).

#### **Seminar Invitations from Other Institutions**

N/A

#### **Lectureships and Visiting Professorships**

N/A

#### **Other Presentations (state, local) Conferences**

**Baumgartner JE**. "Management of Post-Hemorrhagic Hydrocephalus". University of Texas Health Science Center at Houston, University of Texas Medical School, Neonatology Grand Rounds, March 2002.

**Baumgartner JE**. "Craniosynostosis". AAPC Southeast Texas Chapter, Kelsey-Seybold Clinic, July 2005.

**Baumgartner JE** and Teichgraeber J. "Recent Advances in Diagnosis and Treatment of Craniosynostosis and Plagiocephaly". Memorial Hermann-Sugarland Hospital CME Presentation, September 2005.

**Baumgartner JE**. "Tuberous Sclerosis Complex". University of Texas Health Science Center at Houston, University of Texas Medical School, Cardiothoracic and Vascular surgery, Grand Rounds, January 2006.

**Baumgartner JE** and Teichgraeber J. "Recent Advances in Diagnosis and Treatment of Craniosynostosis and Plagiocephaly". Memorial Hermann-Katy Hospital CME Presentation, January 2006.

**Baumgartner JE** and Teichgraeber J. "Recent Advances in Diagnosis and Treatment of Craniosynostosis and Plagiocephaly". Memorial City-Hermann Hospital CME Presentation, March 2006.

**PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

**Professional Society Activities, with Offices Held**

N/A

**Local/state**

Texas Academy of Neurological Surgeons

**National and International**

American Academy of Pediatrics (AAP), Fellow

Joint Section on Tumors (AANS/CNS)

Joint Section on Pediatrics (AANS/CNS)

American Association Neurological Surgeons

Congress of Neurological Surgeons

**OTHER**

N/A