

Curriculum Vitae

9 December 2011

Name:

John F. Teichgraeber, M.D.

Present Title:

Professor, Department of Pediatric Surgery, Division of Pediatric Plastic Surgery

Business Address:

University of Texas Health Science Center at Houston

Department of Pediatric Surgery

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John.F.Teichgraeber@uth.tmc.edu

Undergraduate Education:

1966-1967 Stanford University

1967-1970 Williams College, Williamstown, MA – **Bachelor of Arts**, History, cum laude

Graduate Education:

1971-1972 Harvard Graduate School of Business Administration
Cambridge, MA – **Completed first year of MBA program**

1972-1974 Harvard University – **Pre-medical Curriculum**

1974-1978 Emory University Medical School – Atlanta, GA. **Doctorate of Medicine**

Postgraduate Training:

1978-1979 Emory University Hospitals, Atlanta, GA. **General Surgery Intern**

1979-1982 Emory University Hospitals – Atlanta, GA. **Otolaryngology Resident**

1982-1983 M.D. Anderson Cancer Center – Houston, TX. **Head and Neck Surgery Fellow**

1984-1986 University of Texas-Houston Medical School – Houston, TX. **Plastic and Reconstructive Surgery Resident**

1994-1995 Medical City Hospital – Ian Munro, M.D., Dallas, TX. **Craniofacial Surgery Externship**

Academic Appointments:

2000 – Professor of Surgery
Department of Pediatric Surgery
Division of Pediatric Plastic Surgery
University of Texas-Houston Medical School

- 1997 – 2000 Associate Professor of Surgery
Division of Pediatric Surgery
University of Texas-Houston Medical School
- 1996 – Director – TX Cleft and Craniofacial Clinic
University of Texas-Houston Medical School
- 2000 – Associate Professor of Surgery
Division of Plastic and Reconstructive Surgery
University of Texas-Houston Medical School
- 1987 – 1992 Assistant Professor of Surgery
Division of Plastic and Reconstructive Surgery
University of Texas-Houston Medical School
- 1987 – Assistant Professor of Oral/Maxillofacial Surgery (Clinical)
University of Texas Dental Branch
- 1987 – Assistant Professor of Otolaryngology (Clinical)
Department of Otolaryngology
University of Texas-Houston Medical School

Hospital Appointments:

Harris County Hospital District
Memorial Hermann/Children’s Memorial Hermann Hospital
Texas Children’s Hospital

Licensure:

Texas

Certifications:

1983 American Board of Otolaryngology
1988 American Board of Plastic Surgery

Professional Organizations:

Local:

Harris County Medical Society
Houston Society of Plastic and Reconstructive Surgeons

Regional:

Texas Medical Association
Texas Society of Plastic Surgeons

National:

American Academy of Facial, Plastics and Reconstructive Surgery
American Academy of Otolaryngology and Head and Neck Surgery
American Cleft Palate-Craniofacial Association
American College of Surgeons
American Medical Association
American Society of Plastic and Reconstructive Surgeons

Honor and Awards:

1982 – 1983 Jesse H. Jones Fellowship in Cancer Education, Honoring W. Bertner,
M.D. Anderson Cancer Center
1990 F.A.C.S. – Fellow of the American College of Surgeons
1990 – 1993 Dean's Teaching Excellence Award
2002 Senior Residents Choice Award for Plastic Surgery
2005 House of Charity-Humanitarian of the Year Award
2005 – 2006 Dean's Teaching Excellence Award
2005 – 2006 Best Doctors in America

Service on the University of Texas Medical School at Houston Committees:

1987-Present Medical School Admissions Committee
University of Texas-Houston Medical School

1987-Present Medical Student Advisor
University of Texas-Houston Medical School

1987-Present Medical Student Mentor Program
University of Texas-Houston Medical School

Service on UTMSH Affiliated Hospital Committees:

Infection Control - Memorial Hermann Hospital

Service to the Community:

1994 - 2005 Austin Smiles, volunteer medical missions to Latin America to repair cleft lips and cleft palates.
Latin America.

1991-Present National Youth Leadership Forum, pre-medical educational program guiding high school and
university students by shadowing clinical and surgical techniques. Houston, Texas.

1997-Present House of Charity advisor and volunteer bringing medical care to children from across the world.
Houston, Texas.

2006-Present Operation Rainbow, volunteer medical missions to Trinidad to repair cleft lips and cleft palates.
Trinidad

Sponsorship of Candidates for Postgraduate Degree:

The effects of presurgical nasoalveolar molding in the bilateral cleft. Adam Spengler, Medical Student, MS-1
Summer Research Program (NIH). University of Texas Medical School at Houston. 06/2004-08/2004

Current Teaching Responsibilities:

Plastic Surgery Rounds – Residents and Medical Students
Cleft Lip and Craniofacial Rounds – Residents and Students

Current Grant Support:

2009-2011 NIH RO1 Digital Dental Alignment Grant, Amount: \$1,250,000, Co-Investigator
University of Texas Medical School at Houston, Houston, Texas.

Previous Grant Support:

1. *Use of Topical Atropine in Acute Rhinitis:* \$3,000 – Jan. 1980 – May 1980.
Principal Investigator

2. *Evaluation of Prosthetic materials in the Cat Middle Ear*. \$20,000
Aug. 1980 – Oct. 1980. Principal Investigator
3. *Evaluation of the Oral Cavity Functional Results for Head and Neck Surgery*: \$1,000 – July 1982 – June 1983. Principal Investigator
4. Thomas D. Cronin, M.D. Chair of Plastic Surgery – *Experimental Craniosynostosis in Rabbits*: \$3,000 – Oct. 1989 – Oct. 1993. Principal Investigator.
5. *Development of Surgical Planning and Navigation Software for Cranio-Maxillofacial Surgery*.
Gateno J, Xia J, Teichgraeber JF. Stryker-Leibinger Co. \$30,000. October 2001-September 2002.
Co-Investigator.
6. *Use of Computer Modeling in Craniofacial Reconstruction*: \$20,000 –
Current Principal Investigator – Jamie Gateno, M.D.

Publications:

Abstracts:

1. Parks DH, **Teichgraeber JF**. Use of silastic sheeting for temporary abdominal wound closure. *J Trauma* 25:7, 1985.
2. **Teichgraeber JF**, Parks DH. Current role of tracheostomy in major maxillofacial trauma. *J Trauma* 25:7, 1985.
3. **Teichgraeber JF**, Parks DH. The radiographic diagnosis of upper airway obstruction on maxillofacial trauma. *J Trauma* 25:7, 1985.
4. Xia J, Gateno J, **Teichgraeber J**. Virtual reality surgical planning for craniofacial and maxillofacial deformities. *J Oral Maxillofac Surg* 59:77 (Suppl), 2001.
5. Xia J, Gliddon MJ, Gateno J, **Teichgraeber JF**, Wong HTF, Liebschner MAK. The accuracy of cephalometric tracing superimposition. *J Oral Maxillofac Surg* 61:78 (Suppl), 2003.

Refereed Original Articles in Journals:

1. Jackson RT, **Teichgraeber JF**. Low dose topical atropine for rhinorrhea. *Arch Otolaryngol* 107:288-289, 1981.
2. **Teichgraeber JF**, Per-Lee JH, Turner JS. Lateral sinus thrombosis: a Modern perspective. *Laryngoscope* 92:744-751, 1982.
3. McConnell FS, **Teichgraeber JF**. Neoglottis reconstruction following total laryngectomy: Emory experience. *Otolaryngol Head and Neck Surg* 90:569-575, 1982.
4. **Teichgraeber JF**, Spector M, Per-Lee JH, Jackson RT. Tissue response to Plasti-pore and Proplast otologic implants in the middle ear of cats. *Am J Otol* 5:127-136, 1983.
5. **Teichgraeber JF**, Clairmont AA. The incidence of occult metastases for cancer of the oral tongue and floor of the mouth: treatment rationale. *Head Neck Surg* 7:15-21, 1984.
6. **Teichgraeber JF**, Larson DL, Castenada O, Martin JW. Skin grafts in intra-oral reconstruction: indications and presentation of a new stenting method. *Arch Otolaryngol* 110:463-467, 1984.
7. **Teichgraeber JF**, Bowman J, Goepfert H. New test series for functional evaluation of oral cavity cancer. *Head and Neck Surg* 8:9-20, 1985.
8. Henderson L, Denneny J, **Teichgraeber JF**. Airway-obstructing epiglottic cyst. *Ann Otorhinolaryngol* 94:473-476, 1985.
9. McConnell FS, **Teichgraeber JF**. Treatment of posterior pharyngeal wall carcinoma. *Otolaryngol Head and Neck Surg* 94:287-290, 1986.
10. **Teichgraeber JF**, Bowman J, Goepfert H. Functional analysis of oral

- Cavity cancer treatment. *Arch Otolaryngol* 112:959-965, 1986.
11. McConnell FS, **Teichgraeber JF**, Adler RD. A comparison of three methods of oral reconstruction. *Arch Otolaryngology* 113:496-500, 1987.
 12. **Teichgraeber JF**, Larson DL. Some oncologic considerations in the treatment of lip cancer. *Otolaryngol Head and Neck Surg* 98(6):589-592, 1988.
 13. **Teichgraeber JF**, Riley WB, Parks DH. Primary skin closure in large myelomeningoceles. *Pediatric Neuroscience* 15:18-22, 1989.
 14. **Teichgraeber JF**, Goepfert H. Rhinectomy: timing and reconstruction. *Otolaryngol Head and Neck Surg* 102(4):362-369, 1990.
 15. **Teichgraeber JF**, Riley WB, Parks DH. Nasal surgery complications. *J Plastic and Reconstructive Surg* 85(4):527-531, 1990.
 16. **Teichgraeber JF**, Russo RC, Riley WB. External rhinoplasty technique. *Ann Plastic Surg* 25(5):388-396, 1990.
 17. **Teichgraeber JF**, Rappaport NH, Harris JH. The radiology of upper airway obstruction in maxillofacial trauma. *Ann Plastic Surg* 27:103-109, 1991.
 18. **Teichgraeber JF**, Riley WB, Russo RC. External rhinoplasties: indications for use. *Br J Plast Surg* 45:47-54, 1992.
 19. **Teichgraeber JF**, Russo RC. The management of septal perforations. *Plastic Reconstr Surg* 91:229-235, 1993.
 20. **Teichgraeber JF**, Russo RC, Parks DH. Treatment of nasal surgery complications. *Ann Plastic Surg* 30:80-88, 1993.
 21. **Teichgraeber JF**. Temporoparietal fascial flap in orbital reconstruction. *Laryngoscope* 103:931-935, 1993.
 22. **Teichgraeber JF**, Wainwright DJ. The treatment of nasal valve obstruction. *Plastic Reconstr Surg* 93:114-118, 1994.
 23. Covington DS, Wainwright DJ, **Teichgraeber JF**, Parks DH. Changing patterns in the epidemiology and treatment of zygoma fractures: 10-year review. *J Trauma* 37(2):243-8, 1994.
 24. **Teichgraeber JF**. Lateral crural spanning grafts for the treatment of alar collapse. *Laryngoscope* 105:760-763, 1995.
 25. Khalil SN, Youngblood B, Campos C, **Teichgraeber JF**. Signs of an MH reaction. *Paediatr Anaesth* 9(3):277-8, 1999.
 26. Gateno J, **Teichgraeber JF**, Aguilar E. Computer planning for distraction osteogenesis. *Plast Reconstr Surg* 105(3):873-82, 2000.
 27. Gateno J, **Teichgraeber JF**, Aguilar E. Distraction osteogenesis: a new surgical technique for use with the multiplanar mandibular distractor. *Plast Reconstr Surg* 105(3):883-8, 2000.
 28. Gateno J, Allen ME, **Teichgraeber JF**, Messersmith ML. An in vitro study of the accuracy of a new protocol for planning distraction osteogenesis of the mandible. *J Oral Maxillofac Surg* 58(9):985-90, 2000.
 29. Seymour-Dempsey K, Baumgartner JE, **Teichgraeber JF**, Xia JJ, Waller AL, Gateno J. Molding helmet therapy in the management of sagittal synostosis. *J Craniofac Surg* 13(5):631-5, 2002.
 30. **Teichgraeber JF**, Ault JK, Baumgartner J, Waller A, Messersmith M, Gateno J, Bravenec B, Xia JJ. Deformational Posterior Plagiocephaly: Diagnosis and Treatment. *Cleft Palate Craniofac J* 39(6):582-586, 2002.
 31. **Teichgraeber JF**, Baumgartner J, Xia JJ, Waller A, Gateno J: Deformational posterior plagiocephaly: diagnosis and treatment. *Cleft Palate Craniofac J* 39:582-6, 2002.
 32. Gateno J, Xia JJ, **Teichgraeber JF**, Rosen A. A new technique for the creation of computerized composite skull model. *J Oral Maxillofac Surg* 61:222-7, 2003.
 34. Gateno J, Xia JJ, **Teichgraeber JF**, Rosen R, Hultgren B, Vadnais T. The precision of computer-generated surgical splints. *J Oral Maxillofac Surg* 61:814-7, 2003.

35. Gateno J, **Teichgraeber JF**, Xia JJ. Three-dimensional surgical planning for maxillary and midface distraction osteogenesis. *J Craniofac Surg* 14:833-9, 2003.
36. Gateno J, Anderson PB, Xia JJ, Horng JC, **Teichgraeber JF**, Liebschner MAK. A comparative assessment of mandibular condylar position in patients with anterior disc displacement of the temporomandibular joint. *J Oral Maxillofac Surg* 62:39-43, 2004.
37. Yamaji KE, Gateno J, Xia JJ, **Teichgraeber JF**. New internal Le Fort I distractor for the treatment of midface hypoplasia. *J Craniofac Surg* 15:124-7, 2004.
38. **Teichgraeber JF**, Seymour-Dempsey K, Baumgartner JE, Xia JJ, Waller AL, Gateno J. Molding helmet therapy in the treatment of brachycephaly and plagiocephaly. *J Craniofac Surg* 15:118-23, 2004.
39. Gateno J, Kim KW, Lalani Z, **Teichgraeber JF**, Liebschner MAK, Lemoine JJ, Xia JJ. Biomechanical evaluation of the pins of a mandibular external distractor. Accepted for publication: *J Oral Maxillofac Surg* 62(10):1259-63, 2004.
40. 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)* 101: 16-20, 2004.
41. Gateno J, Seymour-Dempsey K, **Teichgraeber JF**, Lalani Z, Yanez R, Xia JJ. Prototype testing for a new bioabsorbable Le Fort III distraction device: a pilot study. *J Oral Maxillofac Surg* 62:1517-23, 2004.
42. Chavarria C, Chen JW, **Teichgraeber JF**. Use of presurgical nasal alveolar molding appliance in treating cleft lip and palate patients. *Text Dent J*.121(10):976-81, 2004.
42. Baumgartner JE, **Teichgraeber JF**, Waller AL, Grantcherova E, Gateno J, Xia JJ. Microscopic approach to craniostylosis. *J Craniofac Surg* 16(6):997-1005, 2005.
43. Gateno J, Engel ER, **Teichgraeber JF**, Yamaji KE, Xia JJ. A new Le Fort I internal distraction device in the treatment of severe maxillary hypoplasia. *J Oral Maxillofac Surg* 63(1):148-53, 2005.
44. Xia JJ, Gateno J, **Teichgraeber JF**. Three-dimensional computer-aided surgical simulation for maxillofacial surgery. *Atlas Oral Maxillofac Surg Clin North Am* 13(1):25-39, 2005.
45. Gliddon MJ, Xia JJ, Gateno J, Wong HTF, Lasky RE, **Teichgraeber JF**, Jia X, Liebschner MAK, Lemoine JJ. The accuracy of cephalometric tracing superimposition. *J Oral Maxillofac Surg* 64(2):194-202, 2006.
46. Spengler AL, Chavarria C, **Teichgraeber JF**, Gateno J, Xia JJ. Presurgical Nasoalveolar Molding (PNAM) Therapy for the Treatment of Bilateral Cleft Lip and Palate: A Preliminary Study. *Cleft Palate Craniofac J* 43(3):321-8, 2006.
47. Xia JJ, Phillips CV, Gateno J, **Teichgraeber JF**, Christensen AM, Gliddon MJ, Lemoine JJ, Liebschner MAK. Cost-effectiveness analysis for computer-aided surgical simulation in complex cranio-maxillofacial surgery. *J Oral Maxillofac Surg*. 64(12):1780-4, 2006
48. Gateno J, Xia JJ, **Teichgraeber JF**, Christensen AM, Lemoine JJ, Liebschner MAK, Gliddon MJ, Briggs ME. Clinical feasibility of computer-aided surgical simulation (CASS) in the treatment of complex cranio-maxillofacial deformities. *J Oral Maxillofac Surg*. 65(4):728-34, 2007
49. Ezzat CF, Chavarria C, **Teichgraeber JF**, Chen J-W, Stratmann RG, Gateno J and Xia JJ. Pre-surgical Nasoalveolar Molding (PNAM) Therapy for the Treatment of Unilateral Cleft Lip and Palate: A Preliminary Study. *Cleft Palate Craniofac J*. 44(1):8-12, 2007
50. Xia JJ, Gateno J, **Teichgraeber JF**, Christensen AM, Lasky RE, Lemoine JJ, Liebschner MAK. Accuracy of a Computer-Aided Surgical Simulation (CASS) System in the Treatment of Complex Cranio-Maxillofacial Deformities: A Pilot Study. *J Oral Maxillofac Surg*. 65(2):248-54, 2007
51. Malis DD, Xia JJ, Gateno J, Donovan DT, **Teichgraeber JF**. New protocol for one-stage treatment of TMJ ankylosis using surgical navigation. *J Oral Maxillofac Surg* . 65(9):1843-8, 2007

52. Xia JJ, Kennedy KA, **Teichgraeber JF**, Wu KQ, Baumgartner JB, Gateno J. Non-Surgical Treatment of Deformational Plagiocephaly: A Systematic Review. *Arch Pediatr Adolesc Med.* 162(8):719-27, 2008
53. Lee RP, **Teichgraeber JF**, Baumgartner JE, Waller A, English JD, Lasky RE, Miller CC, Gateno G, Xia JJ. Long Term Treatment Effectiveness of Molding Helmet Therapy in the Correction of Posterior Deformational Plagiocephaly: A five-year Follow-up. *Cleft Palate Craniofac J.* 45(3): 240-5, 2008
54. Xia JJ, Gateno J, **Teichgraeber JF**. A New Paradigm for Complex Mid-face Reconstruction: A Reversed Approach. *J Oral Maxillofac Surg.* 67(3):693-703, 2009
55. **Teichgraeber JF**, Baumgartner JE, Waller AL, Reis SM, Stafford MT, Hollinger LE, Gateno J, Xia JJ. Microscopic Minimally Invasive Approach to Nonsyndromic Craniosynostosis. *J Craniofac Surg.* 20(5): 1492-500, 2009
56. Xia JJ, Gateno J, **Teichgraeber JF**. New Clinical Protocol to Evaluate Cranio-maxillofacial Deformity and to Plan Surgical Correction. *J Oral Maxillofac Surg.* 67(10):2093-106, 2009
57. Schatz EC, Xia JJ, Gateno J, English JD, **Teichgraeber JF**, Garrett FA. Development of a Technique for Recording and Transferring Natural Head Position in 3 Dimensions. *J Craniofac Surg.* 2010 Sep;21(5):1452-5.
58. Celebi N, Rohner EC, Gateno J, Noble PC, Ismaily SK, **Teichgraeber JF**, Xia JJ. Development of a Mandibular Motion Simulator for Total Joint Replacement. *J Oral Maxillofac Surg.* 69(1):66-79, 2011 Jan
59. Clark SL, **Teichgraeber JF**, Fleshman RG, Shaw JD, Chavarria C, Kau CH, Gateno J, Xia JJ. Long-term Treatment Outcome of Presurgical Nasoalveolar Molding in Patients with Unilateral Cleft Lip and Palate. *J Craniofac Surg.* 2011 Jan; 22(1):333-6
60. Gateno J, Xia JJ, **Teichgraeber JF**. New 3-Dimensional Cephalometric Analysis for Orthognathic Surgery. *J Oral Maxillofac Surg.* 69(3):606-22, 2011 Mar
61. Xia JJ, McGrory JK, Gateno J, **Teichgraeber JF**, Dawson BC, Kennedy KA, Lasky RE, English JD, Kau CH, McGrory KR. A New Method to Orient 3-Dimensional Computed Tomography Models to the Natural Head Position: A Clinical Feasibility Study. *J Oral Maxillofac Surg.* 69(3):584-91, 2011 Mar.
62. Gateno J, Xia JJ, **Teichgraeber JF**. Effect of Facial Asymmetry on 2-Dimensional and 3-Dimensional Cephalometric Measurements. *J Oral Maxillofac Surg.* 69(3):655-62, 2011 Mar
63. Chang YB, Xia JJ, Gateno J, Xiong Z, **Teichgraeber JF**, Lasky RE, Zhou X. In Vitro Evaluation of New Approach to Digital Dental Model Articulation. *J Oral Maxillofac Surg.* ePub, 2011 Jul.

Invited Articles in Journals:

1. **Teichgraeber JF**, Russo RC, Riley WR. External rhinoplasty technique. *Yearbook of Otolaryngology and Head and Neck Surgery*, 1991.
2. **Teichgraeber JF**, Riley WB, Parks DH. Nasal surgery complications. *Yearbook of Otolaryngology and Head and Neck Surgery*, 1991.
3. **Teichgraeber JF**, Larson DI, Castenada O, Martin JW. Skin grafts in intra-oral reconstruction. *Yearbook of Plastic, Reconstructive, and Aesthetic Surgery*, 1993.

Chapters:

1. **Teichgraeber JF**. Biomaterials in Otoloty. IN: Grote JJ, Nijhoff M (eds.) *Proceedings of the First International Symposium*, Boston, 1984.
2. McConnell FS, **Teichgraeber JF**. Speech and swallowing function following surgery of the oral cavity. IN: Myeren, Barofsky, Yates (eds.) *Rehabilitation and Treatment of Head and Neck Cancer*, NIH Publication 86-2762, Washington, D.C., 1986.
3. Xia J, Gateno J, **Teichgraeber J**, Rosen A. Methodology of precise skull model creation. In: Viergever M, Dohi T and Vannier Meds: *Lecture Notes in Computer Science: Medical imaging computing and computer-assisted intervention-MICCAI 2001*. Springer-Verlag pp. 434-440, 2001.

4. Gateno J, **Teichgraeber JF**, Xia J. Surgical planning for distraction osteogenesis. In: *Intraoral Distraction Osteogenesis of the Facial Skeleton*. Bell WH, Guerrero C, Chin M. (Eds) BC Decker, Elsevier: Ontario, Canada. pp. 131-9, 2007.
5. Xia JJ, Gateno J, **Teichgraeber JF**. Secrets in computer-aided surgical simulation for complex craniomaxillofacial surgery. In English JD, Peltomaki T, Pham-Litschel K (Eds): *Mosby's Orthodontic Review*. pp. 277-87, 2008.
6. Gateno J, Xia JJ, **Teichgraeber JF**. New Methods to Evaluate Craniofacial Deformity and to Plan Surgical Correction. In: Grayson B (ed).
7. Xia JJ, Gateno J, **Teichgraeber JF**. A New Clinical Protocol to Plan Cranio-maxillofacial (CMF) Surgery Using Computer-Aided Surgical Simulation (CASS). In Kau CH (ed).
8. Xia JJ, Gateno J, **Teichgraeber JF**. Controversial Issues in Computer-Aided Surgical Planning for Cranio-Maxillofacial (CMF) Surgery. In: Kau CH (ed).

Other Professional Communications:

Presentations:

1. Xia JJ, Gateno J, Anderson P, Horng J, **Teichgraeber JF**, Liebschner MAK. *A comparative assessment of mandibular condylar position in patients with anterior disc displacement of the temporomandibular joint*. 84th Annual Meeting of American Association of Oral & Maxillofacial Surgeons. Chicago, Illinois. October 2-5, 2002. (poster)
2. Xia JJ, Gateno J, **Teichgraeber JF**, Rosen R, Hultgren B, Vadnais T. *The precision of computer-generated surgical splints*. 84th Annual Meeting of American Association of Oral & Maxillofacial Surgeons. Chicago, Illinois. October 2-5, 2002. (15 min)
3. Xia J, Gateno J, Kim KW, Lalani Z, **Teichgraeber JF**. *Tissue resistance to forces in distraction osteogenesis of the mandible: cadaver study*. 84th Annual Meeting of American Association of Oral & Maxillofacial Surgeons. Chicago, Illinois. October 2-5, 2002. (15 min)
4. Xia J, Gateno J, **Teichgraeber JF**. *Virtual reality surgical planning for cranio and maxillofacial deformities*. 84th Annual Meeting of American Association of Oral & Maxillofacial Surgeons. Chicago, Illinois. October 2-5, 2002. (15 min)
5. Gliddon MJ, Xia JJ, Gateno J, Wong HTF, **Teichgraeber JF**. *The accuracy of cephalometric tracing superimposition*. 84th Annual Meeting of American Association of Oral & Maxillofacial Surgeons. Chicago, Illinois. October 2-5, 2002. (15 min)
6. Gateno J, Xia JJ, Engel E, **Teichgraeber JF**, Yamaji K. *The use of a new Le Fort I internal distraction device in the treatment of severe maxillary hypoplasia*. 2004 American Cleft Palate-Craniofacial Association Annual Meeting, Chapel Hill, NC. March 13, 2004. (5 min)
7. **Teichgraeber JF**, Ezzat C, Chavarria C, Stratmann R, Chen JW, Xia JJ. *Pre-surgical nasoalveolar molding in unilateral cleft patients*. 2004 American Cleft Palate-Craniofacial Association Annual Meeting, Chapel Hill, NC. March 20, 2004. (10 min)
8. **Teichgraeber JF**. *Hemifacial Microsomia: Evaluation and Staging of Reconstruction*. Controversies in Pediatric Maxillofacial Surgery Diagnosis and Treatment, Healthstream Symposium, Houston, TX. May 8th, 2004. (1 hour 15 min)
9. **Teichgraeber JF**. *Microscopic Approach to Craniosynostosis*. 2003 Annual Meeting of the Texas Society of Plastic Surgeons. September 11, 2004. (10 min)
10. Spengler A, Chavarria C, **Teichgraeber JF**, Gateno J, Xia JJ. *Pre-surgical nasoalveolar molding (PNAM) therapy for the treatment of bilateral cleft lip and palate*. 2005 American Cleft Palate-Craniofacial Association Annual Meeting, Myrtle Beach, SC. April 4-9th, 2005. (10 min)
11. Spengler A, Chavarria C, **Teichgraeber JF**, Gateno J, Xia JJ. *Pre-surgical nasoalveolar molding (PNAM) therapy for the treatment of bilateral cleft lip and palate*. Texas Society of Plastic Surgeons 2005 Annual Meeting, San Antonio, TX. October 21-23rd, 2005. (10 min) Received 1st Place Award.

12. **Teichgraeber JF**, Baumgartner JE. *Recent Advances in Diagnosis and Treatment of Craniosynostosis and Plagiocephaly*. Memorial Hermann Katy Hospital CME Presentation, Katy, Texas, January 25, 2006. (1 hour)
13. Xia JJ, Gateno J, **Teichgraeber JF**. Method and apparatus for fabricating orthognathic surgical splints. 2006 BioHouston Orthopedic Medical Device Emerging Technology Showcase, Houston, TX, April 5, 2006 (20 min)
14. Xia JJ, Gateno J, **Teichgraeber JF**, Christensen AM, Lemoine JJ, Leibschner MAK, Lasky RE. *Clinical feasibility of computer-aided surgical simulation for complex cranio-maxillofacial surgery*. 2006 Annual Meeting of American Cleft Palate-Craniofacial Association, Vancouver, Canada. April 7, 2006. (10 min)
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 7, 2006. (10 min)
16. 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 5, 2006. (10 min)
17. Perez SD, **Teichgraeber JF**, Xia JJ, Day MC, Fleshman RG, Gateno J. *The effectiveness of a resorbable supporter in nasal reconstructive surgery*. 2006 Annual Meeting of American Cleft Palate-Craniofacial Association, Vancouver, Canada. April 5, 2006. (4 min, Show and Tell Section)
18. Xia JJ, Gateno J, **Teichgraeber JF**, Christensen AM. Computer-aided surgical simulation for complex cranio-maxillofacial deformities. (Invited keynote speaker). 7th Asian Congress on Oral and Maxillofacial Surgery, Hong Kong, China, November 6-9, 2006 (30 min) (invited and scheduled)
19. Gateno J, Xia JJ, **Teichgraeber JF**. Distraction osteogenesis for complex cranio-maxillofacial deformities. (Invited keynote speaker). 7th Asian Congress on Oral and Maxillofacial Surgery, Hong Kong, China, November 6-9, 2006 (30 min) (invited and scheduled)

Patents:

Gateno J, **Teichgraeber JF**, Xia J. *Method and apparatus for fabricating orthognathic surgical splints*. October 3, 2001. Patent No: US 6,671,539 in USPTO Patent Full-Text and Image Database. 2001, United States Patent and Trademark Office.

Films:

“Unmasked: Treacher Collins Syndrome” documentary, the Discovery Channel, 2004.