

CURRICULUM VITAE

BIOGRAPHICAL

Name: Shao Jiang, M.D.

Birth Place: Nanjing, China

Citizenship: United States

Business Address: Children's Mercy Hospitals & Clinics E-Mail: sjiang@cmh.edu
2401 Gillham Road
Kansas City, Missouri, 64108

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EDUCATION AND TRAINING

UNDERGRADUATE:

1991– 1922	University of Maryland College Park, Maryland	Honors Scholar	Electrical Engineering
1992 – 1993	Ohio University Athens, Ohio	University Scholar	Biology
1993 – 1995	Pennsylvania State University State College, Pennsylvania	B.S. Honors	Biology/Premed

GRADUATE:

1995 – 1999	College of Medicine Pennsylvania State University	M.D., 1999	Medicine
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POST GRADUATE:

1999 – 2000	Strong Memorial Hospital University of Rochester, Rochester, New York	Intern	James Sitzman, MD General Surgery
7/00 – 6/02	Strong Memorial Hospital University of Rochester, Rochester, New York	Resident	James Peacock, MD General Surgery
7/02 – 6/04	Strong Memorial Hospital University of Rochester, Rochester, New York	Resident	Joseph Serletti, MD Plastic Surgery
7/04 – 5/05	Children's Hospital of Pittsburgh University of Pittsburgh Medical Center Pittsburgh, Pennsylvania	Fellow	Joseph Losee, MD Craniofacial Surgery

5/05 – 8/05	Children’s Hospital of Los Angeles University of Southern California Los Angeles, California	Fellow	Mark Urata, MD Craniofacial Surgery
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APPOINTMENTS AND POSITIONS

7/04 –5/05	University of Pittsburgh Department of Surgery Pittsburgh, PA		Clinical Instructor
5/05 – 8/05	University of Southern California Department of Surgery Los Angeles, California		Clinical Instructor
8/05 – 5/09	University of Pittsburgh Department of Surgery Pittsburgh, PA		Assistant Professor of Surgery
6/09 – Present	Children’s Mercy Hospitals & Clinics Department of Plastic Surgery Kansas City, MO		Associate Professor of Pediatrics & Surgery

CERTIFICATION

SPECIALTY CERTIFICATION:

Diplomat, American Board of Plastic Surgery	November, 2006
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MEDICAL AND OTHER PROFESSIONAL LICENSURE:

New York State Medical License:	#228742-1
Pennsylvania State Medical License:	MD423950
DEA:	Current and up-to-date

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Cleft Palate-Craniofaical Association	2004 – Present
AO ASIF Craniomaxillofacial Faculty	2006 - 2007

HOSPITAL ADMINISTRATIVE APPOINTMENTS

Member, Trauma Medical Advisory Committee	2005 – Present
Member, Fetal Diagnosis and Treatment Center, Magee Womens Hospital And Children’s Hospital of Pittsburgh	2005 – Present
Member, Medical Staff, Attending Surgeon, Presbyterian Hospital, Pittsburgh, PA	2004 – Present
Member, Medical Staff, Attending Surgeon, Magee-Womens Hospital, Pittsburgh, PA	2004 – Present
Member, Medical Staff, Attending Surgeon, Veteran’s Affairs Hospital, Pittsburgh, PA	2005 – Present

HONORS

American Society of Maxillofacial Surgeons 2004 Research Award	2004
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PUBLICATIONS

REFEREED ARTICLES:

1. Hendrickson RJ, Koniaris LG, **Jiang S**, Waldman D, Massey HT, Sitzmann JV. Purposeful Delay in the Repair of a Traumatic Left Common Carotid Pseudoaneurysm in a Bovine Aortic Arch Presenting as a Widened Mediastinum. Journal of Trauma: Injury Infection and Critical Care. 53(6) 1166-9, December, 2002.
2. Losee JE, **Jiang S**, Long DE, Kreipe RE, Caldwell EH, Serletti JM Macromastia as an Etiologic Factor in Bulimia Nervosa: 10-year Follow Up After Treatment With Reduction Mammoplasty. Annals of Plastic Surgery, 52(5), May 2004
3. Serletti JM, **Jiang S**, Vega JS. Five Hundred Consecutive Patients with Free TRAM Flaps for Breast Reconstruction: A Single Surgeon's Experience. J Reconstr Microsurg (21) 2005.
4. Vega S, **Jiang S**, Sbitany Hani, Smith A, Serletti JM. Loupes for Magnification: One Center's Experience with 1100 Free Tissue Transfers. J Reconstr Microsurg (21) 2005.
5. Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects, Ann Plast Surg 56(5), May 2006 .
6. Noorchashm, N, Dudas JR, Ford M, Gastman B, Deleyiannis FWB, Vecchione LM, **Jiang S**, Cooper GM, Haralam MA, Losee JE Conversion Furlow Palatoplasty: Salvage of Speech after Straight –Line Palatoplasty and “Incomplete IVVP”, Ann of Plast Surg 56(5) May 2006.
7. Dudas JR, Deleyiannis FWB, Ford MD, **Jiang S**, Losee JE. Diagnosis and Treatment of Velopharyngeal Insufficiency: Clinical Utility of Speech Evaluation and Videofluoroscopy. Ann Plast Surg 56(5) May 2006.
8. Gusenoff JA, Vega SJ, **Jiang S**, Benham AB, Sabitany H, Herrera H, Smith AW, Serletti JM Free tissue transfer: comparison of outcomes between university hospitals and community hospitals. Plast Reconstr Surg 118(3) Sept 2006.
9. Deleyiannis FWB, Vecchione LM, Martin B, **Jiang S**, Sotereanos G. Open reduction and internal fixation of dislocated condylar fractures in children: long-term clinical and radiologic outcomes. Ann Plast Surg 57(5) Nov 2006.
10. Smith DM, Vecchione L, **Jiang S**, Ford MD, Deleyiannis FWB, Haralam MA, Naran S, Worrall CI, Dudas JR, Afifi AM, Marazita ML, Losee JE. The Pittsburgh Fistula Classification System: A Standardized Scheme for the Description of Palatal Fistulas. Cleft Palate-Craniofacial Journal 2007; 44(6):590-594.
11. Dudas JR, Losee JE, Penascino V, Smith DM, Cooper GM, Mooney MP, **Jiang S**, Rubin JP, Marra KG. Leporine-derived Adipose Progenitor Cells Exhibit Osteogenic Properties in Vitro, J of Craniofacial Surg, 2007, in press.
12. Losee JE, Smith DM, Afifi AM, **Jiang S**, Ford MD, Vecchione L, Cooper GM, Naran S, Mooney MP, Serletti JM. A Successful Algorithm for Limiting Post-Operative Fistulae Following Palatal Procedures in the Patient with Orofacial Clefting. Plast Reconstr Surg, in press.

13. Losee JE, Afifi AM, **Jiang S**, Smith DM, Chao M, Vecchione L, Hertle R, Davis JS, Naran S, Paviglianiti JC, Hughes J, Deleyiannis FWB. Pediatric Orbital Fractures: Classifications, Management, and Early Follow-up. Plast Reconstr Surg, in press.

BOOK CHAPTERS:

1. Craniofacial Fractures. Joseph E. Losee, MD, **Shao Jiang, MD**, Fredrick WB Deleyiannis, MD. Principles and Practice of Pediatric Plastic Surgery, Eds. Bentz, Bauer, Zuker. Quality Medical Publishing, Inc., 2008; Vol. II, Chapter 38: 1047-1072.
2. Pediatric Facial Fractures. Joseph E. Losee, MD, **Shao Jiang, MD**, Richard C. Schultz, MD. Plastic Surgery Secrets, 2nd Edition. Ed. Weinzweig. Elsevier, In Press.
3. Pediatric Facial Trauma. Joseph E. Losee, MD, **Shao Jiang, MD**. Plastic Surgery, Eds. Guyuron, Eriksson, Persing, Chung, Disa, Gosain, Rubin and Kinney, Elsevier, In Press.
4. Cleft Lip Adhesion. **Shao Jiang, MD**, Joseph E. Losee, MD, Richard E. Kirschner, MD. Comprehensive Cleft Care, Eds. Losee, Kirschner, McGraw-Hill, In Press.

POSTER PRESENTATIONS:

1. “Demineralized Bone Matrix and Resorbable Plate Bilaminate: A Novel Method to Treat Full Thickness Pediatric Calvarial Defects”. **Jiang S**, Gordon CB, Cooper GM, Giroto JA, Mooney MP, Losee JE. 50th Anniversary Meeting of the Plastic Surgery Research Council. May 18-21, 2005. Toronto, Canada.
2. “Osteogenic Potential of Adipose-Derived Stem Cells in Repair of the Pediatric Cranial Vault”. Dudas JR, Losee JE, Smith DM, Cooper GM, Penascion V, Mooney MP, Rubin JP, **Jiang S**, Marra KG. 63rd Annual Meeting American Cleft Palate-Craniofacial Association, April 2-8, 2006, Vancouver, BC, Canada.

PRESENTATIONS AT PROFESSIONAL MEETINGS:

1. “Patient Satisfaction after Ileal Pouch Anal Anastomosis” **Jiang S**, Koltun W, Pennsylvania Regional Surgical Forum, Hershey, PA, 1998.
2. “Macromastia as an etiological factor in Bulimia Nervosa: A 10 year Follow-Up” Losee JE, **Jiang S**. Long DE, Kreipe RE, Caldwell EH, Serletti JM, Northeastern Plastic Surgery Society, Baltimore, MD, 2003.
3. “500 Free TRAM for Breast Reconstruction: A Single Surgeon’s Experience” Serletti JM, **Jiang S**, Vega JS, Northeastern Society of Plastic Surgeons, Baltimore, MD, 2003.
4. “500 Free TRAM for Breast Reconstruction: A Single Surgeon’s Experience” Serletti JM, **Jiang S**, Vega JS. Third Congress of the World Society of Reconstructive Microsurgery, Heidelberg, Germany, 2003
5. “1200 Free Flaps Using Loupe Magnification” Serletti JM, **Jiang S**, Vega JS, World Society of Reconstructive Microsurgery, Heidelberg, Germany, 2003.
6. “1200 Free Flaps Using Loupe Magnification” Serletti JM, **Jiang S**, Vega JS, Northeastern Society of Plastic Surgeons, Baltimore, MD, 2003.

7. “Free Tissue Transfer: Comparison of Outcomes between Community Hospitals and University Hospitals” Gusenoff JA, Vega SJ, **Jiang S**, Benham AB, Sabitany H, Herrera H, Smith AW, Serletti JM, Society of Plastic Surgeons of Upstate New York, Rochester, NY, 2003.
8. “Free Tissue Transfer: Comparison of Outcomes between Community Hospitals and University Hospitals” Gusenoff JA, Vega SJ, **Jiang S**, Benham AB, Sabitany H, Herrera H, Smith AW, Serletti JM, Northeastern Plastic Surgery Society, Baltimore, MD, 2003.
9. “Free Tissue Transfer: Comparison of Outcomes between Community Hospitals and University Hospitals” Gusenoff JA, Vega SJ, **Jiang S**, Benham AB, Sabitany H, Herrera H, Smith AW, Serletti JM, American Society of Plastic Surgeons, San Diego, CA 2003.
10. “Transport Distraction: Treatment for the Difficult Pediatric Mandible” Losee, JE, **Jiang S** American Cleft Lip and Palate Association, Chicago, IL 2003.
11. “500 Free TRAM for Breast Reconstruction: A Single Surgeon’s Experience” Serletti JM, **Jiang S**, Vega JS, Association of Plastic Surgeons, Chicago, IL, 2004.
12. “1100 Free Flaps Using Loupe Magnification” Serletti JM, **Jiang S**, Vega JS, American Society of Plastic Surgeons, Philadelphia, MD 2004.
13. “Resorbable Plate and Demineralized Bone Matrix: A Novel Way of Pediatric Calvarial Reconstruction”. **Jiang S**, Gordon CB, Cooper GM, Giroto JA, Mooney MP, Losee JE, Ohio Valley Society of Plastic Surgeons Cleveland, OH 2005.
14. “The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects”, Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, Ohio Valley Society of Plastic Surgeons, Cleveland, OH 2005.
15. “Conversion Furlow Palatoplasty: Salvage of Speech after Straight –Line Palatoplasty and ‘Incomplete IVVP’”, **Jiang S**, Noorchashm, N, Dudas JR, Ford M, Gastman B, Deleyiannis FWB, Vecchione LM, Cooper GM, Haralam MA, Losee JE Ohio Valley Society of Plastic Surgeons, Cleveland, OH 2005.
16. “Growing Skull Fractures of the Orbit”, Rubinstein RE, **Jiang S**, Pollack I, Losee JE. Ohio Valley Society of Plastic Surgeons, Cleveland, OH 2005.
17. “The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects” Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, Plastic Surgery Research Council 2005, Toronto Canada.
18. “Resorbable Plate and Demineralized Bone Matrix: A Novel Way of Pediatric Calvarial Reconstruction”. **Jiang S**, Gordon CB, Cooper GM, Giroto JA, Mooney MP, Losee JE, North Eastern Society of Plastic Surgery, Washington D.C. 2005.
19. “The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects”, Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, Northeastern Society of Plastic Surgeons, Washington D.C. 2005.
20. “Diagnosis and Treatment of Velopharyngeal Insufficiency after Cleft Palate Repair: Clinical Utility of Speech Pathology and Videofluoroscopic Evaluation”. Dudas JR, Deleyiannia FWB, Ford MD, **Jiang S**, Losee JE. Northeastern Society of Plastic Surgeons, Washington, DC, November 3-6, 2005.

21. “Conversion Furlow Palatoplasty: Salvage of Speech after Straight –Line Palatoplasty and Incomplete IVVP”, **Jiang S**, Noorchashm, N, Dudas JR, Ford M, Gastman B, Deleyiannis FWB, Vecchione LM, Cooper GM, Haralam MA, Losee JE, Northeastern Society of Plastic Surgeons, Washington D.C. 2005.
22. “The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects”, Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, American Society of Plastic Surgeons, Chicago, IL 2005.
23. “Factors Impacting the Incidence and Treatment of Deformational Plagiocephaly”, Mason AC, Hua LB, **Jiang S**, Mooney MP, Cooper GM, Losee JE. International Society of Craniofacial Surgeons, Queensland, Australia 2005.
24. “The Novel Model Surgery Technique for Monobloc and Lefort III Advancement” Vachiram A, Yen S, **Jiang S**, Lagrasso, Lypka, Urata, Reinisch, American Cleft and Craniofacial Association, April 2-8, 2006 Vancouver, BC, Canada.
25. “Palatal Fistulas: A Standardized Classification System”, Smith D, Ford M, **Jiang S**, Vecchione L, Haralam MA, Gilmore J, Losee JE. American Cleft and Craniofacial Association, April 2-8, 2006, Vancouver, BC, Canada.
26. “Resorbable Plate and Demineralized Bone Matrix: A Novel Way of Pediatric Calvarial Reconstruction”. **Jiang S**, Gordon CB, Cooper GM, Giroto JA, Mooney MP, Losee JE, American Cleft Palate Association Annual Meeting, April 2-8, 2006, Vancouver, BC, Canada.
27. “The Osteogenic Potential of Adipose-Derived Stem Cells for the Repair of Rabbit Calvarial Defects”, Dudas JR, Marra KG, Cooper GM, Penascino VM, Mooney MP, **Jiang S**, Rubin PJ, Losee JE, American Cleft and Craniofacial Association Annual Meeting, April 2-8, 2006, Vancouver, BC, Canada.
28. “Progress in Palatoplasty: A Farewell to Fistulae”, Smith DA, **Jiang S**, Vecchione L, Giroto JA, Ford MD, Deleyiannis FWB, Afifi AM, Haralam MA, Naran S, Losee JE. Platform Presentation, 23rd Annual Meeting Northeastern Society of Plastic Surgeons, December 3, 2006.
29. “Cleft Lip and Palate Surgery, Platform Presentation”, Afifi AM, Smith DM, Deleyiannis FWB, **Jiang S**, Mooney MP, Vecchione L, Ford MD, Kirschner RE, McKay DB, Boustred AM, Losee JE. 64th Annual Meeting American Cleft Palate-Craniofacial Association, April 27, 2007, Broomfield, CO.
30. “Detection and Treatment Options for Submucous Cleft Palate: A Single Center’s Experience”, Smith DM, Deleyiannis FWB, Losee JE, **Jiang S**, 64th Annual Meeting American Cleft Palate-Craniofacial Association, April 27, 2007, Broomfield, CO.
31. “External Mandibular Molding: A Novel Treatment for Neonatal Jaw Deformities”. Vecchione L, Smith DM, Ford MD, Afifi AM, Dudas JR, Naran S, **Jiang S**, Losee JE. 64th Annual Meeting Cleft Palate-Craniofacial Association, April 25, 2007, Broomfield, CO.
32. “PLAN Score: Pennsylvania Lip and Nose Scoring System for Cleft Lip and Nose Deformities”. Afifi AM, Smith DM, Deleyiannis FWB, **Jiang S**, Mooney MP, Vecchione L, Ford MD, Kirschner RE, McKay DB, Boustred AM, Losee JE. 64th Annual American Cleft Palate-Craniofacial Association, April 27, 2007, Broomfield, CO.
33. “MR Imaging of the Levator Veli Palatini Muscle in Patients with Velopharyngeal Dysfunction”. Petropoulou KA, Losee JE, **Jiang S**, Smith DM, Fitz CR. 45th Annual Meeting American Society of Neuroradiology, June 11-14, 2007, Chicago, IL.

34. “Demineralized Bone Matrix (DBx) and Resorbable Plate Laminate: A Novel Way to Reconstruct Large-Scale Pediatric Calvarial Defects”. **Jiang S**, Smith DM, Pollack II, Giroto JE, Gordon C, Losee JE. International Society of Craniofacial Surgery XII Biennial International Congress, Salvador, Bahia, Brazil, August 23-25, 2007.
35. “Pediatric Orbital Fractures: Classification and Management”. Afifi AM, Smith DM, Deleyiannis FWB, **Jiang S**, Hertle R, Losee JE. International Society of Craniofacial Surgery XII Biennial International Congress, Salvador, Bahia, Brazil, August 23-25, 2007.
36. “Progress in Palatoplasty: Strategies to Eliminate Fistulae”. Smith DM, **Jiang S**, Vecchione L, Ford MD, Afifi AM, Losee JE. International Society of Craniofacial Surgery XII Biennial International Congress, Salvador, Bahia, Brazil, August 23-25, 2007.

STUDENTS AND FELLOWS

Medical School Summer Fellowships

2007: Christine Worrall – University

CURRENT RESEARCH INTERESTS AND WORK-IN-PROGRESS

Noggin protein therapy for the rescue of prematurely fusing sutures in craniosynostotic rabbits. Work in progress with Dr. Joseph E. Losee and Dr. Mark Mooney.

Use of adipose-derived stem cells in the reconstruction of critically-sized cranial defects in rabbits. Work in progress with Dr. Joseph E. Losee and Dr. Kacey Marra.

Differentiation of Regulatory Mechanisms of Noggin, TGF-beta 1,2,3 and BMP.
Work in progress with Dr. Joseph E. Losee and Dr. Johnny Huard.

Correlation of the Pittsburgh Weighted Speech Score, TeleveX, Nasendoscopy and Clinical Evaluation of Velopharyngeal Mechanism.

Work in progress with Dr. Joseph E. Losee, Dr Frederick Deleyiannis and Matthew Ford, MS, CCC-SLP.

RESEARCH FUNDING

Rescue of Premature Sutures Fusion Using Noggin Cytokine Therapy in Craniosynostosis Rabbits	ASMS	Evaluate the use of Noggin as a BMP-antagonist to rescue naturally fusing sutures in a Rabbit Model	PI: Joseph E. Losee, MD Co-PI: Shao Jiang, MD	\$4,000		2004-2005

SERVICES

2005 – 2009 Member, Fetal Diagnosis and Treatment Center, Magee Womens Hospital and Children’s Hospital of Pittsburgh

2005 – 2009 Member, Trauma Medical Advisory Committee, Children’s Hospital of Pittsburgh