

**CURRICULUM VITAE**  
**University of Pittsburgh**  
**School of Medicine**

**BIOGRAPHICAL**

Name:	Joseph E. Losee, MD, FAAP, FACS	Birth Date:	9/23/65
Home Address:	xxxxxxxxxx xxxxxxxxxx	Birth Place:	Gloversville, New York, USA
Home Phone:	xxxxxxxxxxxxx	Citizenship:	United States
Business Address:	Division of Pediatric Plastic Surgery The Children's Hospital of Pittsburgh 3705 Fifth Ave, Pittsburgh, PA 15213-2583	E-Mail Address:	joseph.losee@chp.edu
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**EDUCATION AND TRAINING**

**UNDERGRADUATE:**

6/86 - 6/88	Hudson Valley Community College State University of New York, Troy, NY	A.S., 1988	Math and Science
7/88 - 6/90	Union College Union University, Schenectady, NY	B.S., 1990 magna cum laude	Biology

**GRADUATE:**

7/90 - 6/94	School of Medicine and Dentistry University of Rochester, Rochester, NY	M.D., 1994 alpha omega alpha	Medicine
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**POST GRADUATE:**

7/94 - 6/97	Strong Memorial Hospital University of Rochester, Rochester, NY	Resident	Seymour Schwartz, MD General Surgery
7/94 - 6/99	Strong Memorial Hospital University of Rochester, Rochester, NY	Resident	Joseph Serletti, MD Plastic Surgery
7/99 - 6/00	Hospital of the University of Pennsylvania Children's Hospital of Philadelphia University of Pennsylvania, Philadelphia, PA	Fellow	Linton A. Whitaker, MD Craniofacial Surgery

## APPOINTMENTS AND POSITIONS

### ACADEMIC:

1999 – 2000	University of Pennsylvania School of Medicine Department of Surgery Philadelphia, PA	Assistant Instructor
2000 – 2003	University of Rochester School of Medicine & Dentistry Strong Memorial Hospital, Rochester, NY	Assistant Professor of Surgery (Plastic), Pediatrics & Dentistry (Oral-Maxillofacial Surgery)
2001 – 2003	University of Rochester School of Medicine & Dentistry Department of Surgery, Division of Plastic Surgery Strong Memorial Hospital, Rochester NY	Associate Program Director, Plastic Surgery Residency Program
2000 – 2003	University of Rochester School of Medicine & Dentistry Strong Memorial Hospital, Rochester, NY	Director, Strong Center for Craniofacial Anomalies
2002 – 2003	University of Rochester School of Medicine & Dentistry Rochester, NY	Director, Medical Student Plastic Surgery Education
2003 – present	University of Pittsburgh School of Medicine Department of Surgery, Division of Plastic Surgery Pittsburgh, PA	Assistant Professor of Surgery (Plastic) & Pediatrics
2003 – present	Children's Hospital of Pittsburgh Pittsburgh, PA	Chief, Division of Pediatric Plastic Surgery
6/03 – 12/03	University of Pittsburgh School of Medicine Department of Surgery, Division of Plastic Surgery Pittsburgh, PA	Associate Program Director, Plastic Surgery Resident Program
1/04 – present	University of Pittsburgh School of Medicine Department of Surgery, Division of Plastic Surgery Pittsburgh, PA	Program Director, Plastic Surgery Residency Program
7/03 – present	University of Pittsburgh School of Medicine Pittsburgh, PA	Program Director, Craniofacial Fellowship
7/03 – present	University of Pittsburgh School of Medicine Pittsburgh, PA	Director, Pittsburgh Cleft and Craniofacial Center

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## CERTIFICATION AND LICENSURE

### SPECIALTY CERTIFICATION:

Diplomat, National Board of Medical Examiners	Sept. 1995
Diplomat, American Board Plastic Surgery	October 2001
Fellow, American Academy of Pediatrics	January 2002

Fellow, American College of Surgeons

October 2002

MEDICAL OR OTHER PROFESSIONAL LICENSURE:

New York State Medical License:	202370-1	8/03
Pennsylvania State Medical License:	MD-067611-L	12/04
DEA	XXXXXXXXXX	3/06

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**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

PROFESSIONAL AND SCIENTIFIC SOCIETIES:

Sigma Xi, The Scientific Research Society, Union College	1991
Alpha Omega Alpha, Honor Medical Society	1994
American Cleft Palate - Craniofacial Society, Member	1999
Northeastern Society of Plastic Surgeons, Member	2000
State of New York Medical Society	2000-2003
Rochester Academy of Medicine	2000-2003
Society of Plastic Surgeons of Upstate New York	2000-2003
Association of Academic Chairmen of Plastic Surgery, Associate Member	2001
Monroe County Medical Society, Member	2001-2003
American Society Plastic Surgeons, Member	2002
American Society of Craniofacial Surgeons, Associate Member	2002
American Society of Maxillofacial Surgeons, Member	2002
President, Society of Plastic Surgeons of Upstate New York	2002-2003
AO ASIF Craniomaxillofacial Faculty, Member	2003
International Society of Craniofacial Surgeons, Associate Member	2003
Scientific Committee Member, Northeast Society Plastic Surgeons, 20 <sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland,	2003
American Association of Pediatric Plastic Surgeons, Member and Plastic Surgery Research Council, Member	2003 2004

PROFESSIONAL COMMITTEES:

Young Plastic Surgeons Committee, Steven C. Herber, MD committee chair, Los Angeles	10/00 – present
Craniomaxillofacial Subcommittee/NBME Inservice Exam for Plastic Surgery Education Foundation, Stephen Chidylo, MD, DDS, committee chair, Philadelphia, PA	2001 - present
Continuing Medical Education Committee for American Society Plastic Surgery, Auditor, Raymond Dunn, MD committee chair	2001 – 2002
Undergraduate Education Committee for Plastic Surgery Education Foundation, Charles Verheyden, MD, committee chair	2001-2002
Resident Review Course Subcommittee – Resident Information Committee for Plastic Surgery Education Foundation, Brentley Buchele, MD committee chair	2001 - present
Publications Committee, American Society Plastic Surgeons, W. Bradford Rockwell, MD committee chair	2002
Membership Committee, American Cleft Palate Craniofacial Association, Michael Cedars, MD, Chair	2003 – present.
Bylaws Committee Member, American Society of Maxillofacial Surgeons	2003 – present

Membership Committee, Northeastern Society of Plastic Surgeons	2003-present
Graduate Medical Education Committee, University Pittsburgh	2004-present
Chair, By-laws Committee, American Society of Craniofacial Surgeons	2004-present

#### PROFESSIONAL ADMINISTRATIVE ASSIGNMENTS AND RESPONSIBILITIES

President, Society of Plastic Surgeons of Upstate New York	2002-2003
Scientific Committee Member, Northeast Society of Plastic Surgeons, 20 <sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland	2003
Scientific Committee Member, Northeast Society of Plastic Surgeons 21 <sup>st</sup> Annual Scientific Meeting, Naples, Florida	2004

#### EDITORIAL ASSIGNMENTS IN PROFESSIONAL JOURNALS:

Cleft Palate-Craniofacial Journal, Guest Manuscript Editor,	2000-present
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#### HONORS

Converse Scholarship, Undergraduate Academic Excellence	1987
Plastic Surgery Resident Paper Competition Award, Society of Plastic Surgeons of Upstate NY	spring 1996
Plastic Surgery Fellow Paper Competition Award, 46 <sup>th</sup> Annual Scientific Meeting, Robert H. Ivy Society of Plastic and Reconstructive Surgeons, Philadelphia, PA	March 2000
Establishment of "The Joseph E. Losee, MD Teaching Award". "In recognition of Dr. Losee's enormous commitment to medical student and resident education." University of Rochester, Division of Plastic Surgery, Rochester, New York.	Established June 21, 2003
Recipient, "The Joseph E. Losee, MD Teaching Award". Division of Plastic Surgery, University of Rochester, Rochester, New York	June 2003

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#### PUBLICATIONS

##### REFEREED ARTICLES:

1. Serletti J, Feins R, Carras A, **Losee J**, Johnstone D, Herrera H, Hicks G. Obliteration of Empyema Tract with Deepithelialized Unipedicle Transverse Rectus Abdominis Myocutaneous Flap. *The Journal of Thoracic and Cardiovascular Surgery*, Vol 112, No 3, Sept. 1996.
2. **Losee JE**, Serletti J, Kreipe R, Caldwell E. Reduction Mammoplasty in Patients with Bulimia Nervosa. *Annals of Plastic Surgery*, Vol 39, No 5, 443, Nov 1997.
3. **Losee JE**, Markowitch W, Reale V. Sweat Gland Carcinoma of the Foot: A Review and Case Report. *Annals of Plastic Surgery*, Vol. 41, No. 5, 550-554, Nov. 1998.
4. **Losee JE**, Serletti J, Peninno, R. Epidermal Nevus Syndrome: A Review and Case Report. *Annals of Plastic Surgery*. Vol. 42, no. 2, pg. 211-214, Aug. 1999.

5. **Losee JE**, Caldwell E, Serletti, J. Secondary Reduction Mammoplasty: Is Using a Different Pedicle Safe? *Plastic and Reconstructive Surgery*, 106, 1004, 2000.
6. Kirschner RE, Karmacharya J, Ong G, Hunenko O, **Losee JE**, Martin B. Crombleholme TM. Synthetic Hybrid Grafts for Craniofacial Reconstruction: Sustained Gene Delivery Calcium Phosphate Bone Mineral Substitute. *Annals Plastic Surgery*, May, 46(5), 538-45, 2001.
7. Kirschner RE, Karmacharya J, Ong G, Gordon AD, Hunenko O, **Losee JE**, Gannon FH, Bartlett SP. Repair of the Immature Craniofacial Skeleton with a Calcium Phosphate Cement: Quantitative Assessment of Craniofacial Growth. *Annals Plastic Surgery*, 49 (1); 33-8, July 2002
8. **Losee JE**, Selber J, Vega S, Hall C, Scott G, Serletti JS. Primary Cutaneous Mucormycosis: Guide to Surgical Management. *Annals of Plastic Surgery*, 49 (4); 385-390, October 2002
9. **Losee JE**, Karmacharya J, Gannon FH, Slemple AE, Ong G, Hunenko O, Gordon AD, Bartlett SP, Kirschner RE. Reconstruction of the Immature Craniofacial Skeleton with a Carbonated Calcium Phosphate Bone Cement: Interaction with Bioresorbable Mesh. *Journal of Craniofacial Surgery*, vol 14, no 1, January 2003.
10. **Losee JE**, Selber J, Arkoulakis N, Serletti J. The Cleft Lateral Lip Element: Do Traditional Markings Result in Secondary Deformities? *Ann Plast Surg*, 2003, vol. 50, no. 6, 6/03, 594-600.
11. Vega SJ, **Losee JE**. Epignathus Teratoma. *J Am Col Surg*, 2003, vol. 197, no. 2, 8/03, pg. 332.
12. **Losee JE**, Kirschner RE, Whitaker LA, Bartlett, SP. Congenital Nasal Deformities: A Classification Scheme. *Plast Reconstr Surg*, 2004, 113; 2, 676-689.
13. **Losee, JE**, Jiang S, Long DE, Kreipe RE, Caldwell EH, and Serletti JM. Macromastia as an Etiologic Factor in Bulimia Nervosa: 10-year Follow Up after Treatment with Reduction Mammoplasty. *Ann Plast Surg*, 52; 5, May 2004, 452-457.
14. Serletti JM, LeTourneau PR, Smith A, Coniglio JU, Popat S, **Losee JE**. Transverse Lag Screw Fixation in Midline Mandibulotomy. *Plast Reconstr Surg*. 2004, 114(1), 178-85.

#### NON-PEER REVIEWED PUBLICATIONS:

1. **Losee J**. Facing AIDS. *Journal of the Emergency Medical Services*, Letter. Vol 19, No 1, pg. 19-20, Jan. 1994
2. **Losee JE**, Caldwell EH, Serletti JM. Secondary Reduction Mammoplasty: Is Using A Different Pedicle Safe?, *Year Book of Plastic and Aesthetic Surgery*, Mosby-Year Book, 2002.
3. Ketkar M, Losee J, Bartlett S, Feldman E, Kirschner R, Singh D, and Westessen PL. Non-Synostotic occipital plagiocephaly: Radiographic Changes of the “sticky-suture”. *Neurographics*, vo. 3, no. 1, 2004.

#### BOOK CHAPERS:

1. **Total Composite Lower Lip Reconstruction: Radial Forearm Flap.** Joseph M. Serletti, MD and Joseph E. Losee, MD. *Facial Plastic and Reconstructive Surgery*. Ed. Dean M. Toriumi, MD, Lippincott-Raven.
2. **Mandibulofacial Dysostosis.** Scott Bartlet, MD and Joseph E. Losee, MD. In, *Craniofacial Surgery: Science and Surgical Technique*. Ed. Lin, Ogle, Jane. W. B. Saunders, 2002.

3. **Cleft Lip and Palate** – Joseph E. Losee, MD, and Chin To Fong, MD. In *Mosby's Pediatric Clinical Advisor: Instant Diagnosis and Treatment*, Ed. Garfunkel-Christy-Kaczorewki, Mosby, 2002.
4. **Essentials for Students** – Education Committee, Plastic Surgery Educational Foundation, Sixth Edition 2002.
5. **Reconstruction Craniofacial Syndromes.** Scott P. Bartlett, MD and Joseph E. Losee, MD. In, *Plastic Surgery*. Eds. Mathes, Hentz. W.B.Saunders Company, In Press.
6. **Deformational Plagiocephaly: Diagnosis, Prevention, and Treatment.** Joseph E. Losee, MD and A. Corde Mason, MD. *Clinics in Plastic Surgery*, In Press

PUBLISHED ABSTRACTS:

1. Reiter H, Rubin P, Feins R, Baggs R, Williams J, **Losee J.** Dose-Responsive and Time-Responsive Pathologic Changes in Trachea and Bronchus Following High-Dose Rate Brachytherapy, As Seen in the Rabbit Model. *1993 Proceedings of the American Society for Therapeutic Radiation and Oncology*.
2. **Losee JE**, Pennino RP. Epidermal Nevus Syndrome: A Review and Case Report. *Lasers in Surgery and Medicine*, 1998 Abstracts for the 18<sup>th</sup> Annual Meeting of the American Society for Laser Medicine and Surgery.
3. Karmacharya J, **Losee JE**, Gannon FH, Hunenko O, Ong G, Poser R, Bartlett SP, and Kirschner RE. Repair of the Pediatric Craniofacial Skeleton with a Calcium Phosphate Bone Mineral Substitute (Norian CRS): Analysis of Biocompatibility, Osteoconductivity, and Remodeling Capacity. *Plast Surg Forum* 23: 130-132, 2000.

POSTER PRESENTATIONS:

1. **“The Epidermal Nevus Syndrome: A Review and Case Report”**. Poster Presentation, 18<sup>th</sup> Meeting of the American Society for Laser Medicine and Surgery, San Diego, CA, April 1998.
2. **“Repair of the Pediatric Craniofacial Skeleton with Norian CRS: Analysis of Biocompatibility, Osteoconductivity, and Remodeling Capacity.”**Karmacharya J, Losee JE, Gannon FH, Hunenko O, Ong G, Poser RD, Bartlett SP, and Kirschner RE. Plastic Surgery Research Council Annual Meeting, Seattle, Washington, May 2000
3. **“Congenital Nasal Anomalies: An Institutional Experience and Classification Scheme”**. Losee J, Bartlett S, Kirschner R, and Whitaker L. 9<sup>th</sup> International Society of Craniofacial Surgery. Visby, Gotland, Sweden, June 17-20, 2001.
4. **“Radiographic Diagnosis of Nonsynostotic Occipital Plagiocephaly.** Ketkar M, Losee JE, Feldman E, Singh D, Kirschner RE, Bartlett SP, Westesson P. 41<sup>st</sup> Annual Meeting of American Society of Neuroradiology. Washington, DC. April 26-May2,, 2003.
5. **Non-Synostotic Occipital Plagiocephaly: Radiographic Diagnosis of the “Sticky Suture”**. Losee, JE, Feldman E, Ketkar M, Singh, D, Kirschner RE, Westesson PL, Bartlett, SP. 10<sup>th</sup> International Society of Craniofacial Surgery. Monterey, CA. September 2003.
6. **Complex Groin Wound Reconstruction with Preferred Use of the Rectus Femoris Muscle Flap.** Aklon, JD, Smith, AW, Losee, JE, Serletti, JM. 72<sup>nd</sup> Annual Scientific Meeting of the American Society of Plastic Surgeons, San Diego, CA, October 2004.

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## PROFESSIONAL ACTIVITIES

### LECTURESHIPS, GRAND ROUNDS AND VISITING PROFESSORSHIPS:

**“Tropical Medicine and Basic First Aid”.** Week-long seminar, International School of Missions, Guyana, Puerto Rico, Spring 1992.

**“Pediatric Craniofacial Trauma.** Synthese Maxillofacial Training Course, Brandywine Educational Center, Philadelphia, PA, March 2000.

**“Pediatric Craniofacial Surgery”.** Synthese Maxillofacial Training Course, Brandywine Educational Center, Philadelphia, PA, March 2000.

**“Pediatric Craniofacial Trauma: Treating a Moving Target, That’s Growing”.** Philadelphia-Delaware Chapter ASPRSN, Abramson Research Center, Children’s Hospital of Philadelphia, Philadelphia, PA, June 2000.

**“Pediatric Craniofacial Anomalies: Principles of Their Diagnosis and Treatment”.** Pediatric Grand Rounds, University of Rochester, Rochester General Hospital, Rochester, NY, Sept. 2000.

**“Pediatric Craniofacial Anomalies: Principles of Their Diagnosis and Treatment”.** Pediatric Grand Rounds, University of Rochester, Strong Memorial Hospital, Rochester, NY, Sept. 2000.

**“Craniofacial Surgery”.** Surgical Interest Group, University of Rochester School of Medicine and Dentistry, Rochester, NY, Sept. 2000

**“Pediatric Craniofacial Anomalies: Principles of Their Diagnosis and Treatment”.** General Surgery Grand Rounds, University of Rochester, Strong Memorial Hospital, Rochester, NY, Oct. 2000

**“Pediatric Craniofacial Anomalies: A Classification Scheme and Treatment Principles”.** Oral and Maxillofacial Surgery Grand Rounds, University of Rochester, Eastman Dental Center, Rochester, NY, November 2000.

**“Pediatric Craniofacial Surgery”.** Pediatric and Obstetric Grand Rounds, Parkridge Hospital, Rochester, NY, February 2001.

**“Pediatric Thermal Injuries”.** Pediatric House staff Conference, Strong Memorial Hospital, University of Rochester, Rochester, NY, March 2001.

**“Pediatric Thermal Injuries”.** Pediatric House staff Conference, Rochester General Hospital, University of Rochester, Rochester, NY, March 2001.

**“Pediatric Craniofacial Airway Obstruction: Alternatives to Tracheostomy”.** Pediatric Pulmonary and Critical Care Conference, Children’s Hospital at Strong, University of Rochester, Rochester, NY, April 2000.

**“New Alternatives in Pediatric Craniofacial Surgery”.** Central New York Pediatric Club, Inn on the Lake, Canadaigua, NY, May 3, 2001.

**“Craniosynostosis”**, Medical/Psychiatric Grand Rounds, Canandaigua Veterans Administration Regional Lecture Series, May 4, 2001, Canandaigua, NY.

**“Surgical Correction of Craniofacial Anomalies”**, Orthodontic Teaching Conference Series, Eastman Dental Center, University of Rochester, Rochester, NY, May 11, 2001.

**“What’s New in Pediatric Craniofacial Surgery”**, 21<sup>st</sup> Annual Townsend Teaching Day in Neonatal/Perinatal Medicine, Rochester General Hospital, University of Rochester School of Medicine, Rochester, NY, May 15, 2001.

**“Craniosynostosis”**. Neurosurgery Grand Rounds, Strong Memorial Hospital, University of Rochester, Rochester, NY, June 6, 2001

**“Pediatric Mandibular Trauma”**, Otorhinolaryngology –Head and Neck Surgery, Grand Rounds, University of Rochester School of Medicine, Rochester, NY, December 2001.

**“Plagiocephaly without Synostosis”**, Pediatric Grand Rounds, University of Rochester School of Medicine, Strong Memorial Hospital, Rochester, New York, April 2002.

**“Plagiocephaly without Synostosis”**, Pediatric Grand Rounds, University of Rochester, School of Medicine, Rochester General Hospital, Rochester, New York, May 2002.

**“Cleft Palate”**, Oral Maxillofacial Surgery Grand Rounds, Strong Memorial Hospital, University of Rochester, Rochester, New York, May 2002.

**“Pediatric Craniofacial Surgery”**, Upstate Chapter Association of Operating Room Nurses (AORN), Getinge/Castle, Rochester, New York, May 2002.

**“Pediatric Craniofacial Anomalies: Principles of Their Management and Surgical Correction”**, Neurology Grand Rounds, University of Rochester, School of Medicine, Strong Memorial Hospital, Rochester, New York, August 2002.

**“Comprehensive Care of the Cleft Patient”**, Pediatric Dentistry Grand Rounds, University of Rochester, Eastman Dental Center, Rochester, New York, September 2002.

**“Comprehensive Care of the Cleft Patient”**, OB/GYN and Pediatrics Grand Rounds, Park Ridge Hospital, Unity Health System, Rochester, New York, December 2002.

**“Pediatric Craniofacial Surgery”**, Neonatal Intensive Care Rounds, Strong Memorial Hospital, University of Rochester, Rochester, New York, January 2003.

**“Comprehensive Care of the Cleft Patient”**, Oral and Maxillofacial Surgery Grand Rounds, Strong Memorial Hospital, University of Rochester, Rochester, New York, March 2003.

**“Comprehensive Care of the Cleft Patient”**, Central New York Academy of Medicine, Whitesboro, New York, March 20, 2003.

**“Craniofacial Syndromes”**, Oral and Maxillofacial Surgery Grand Rounds, Strong Memorial Hospital, University of Rochester, Rochester, New York, June 2003.

**“Pediatric Craniofacial Surgery”**, Neonatology Grand Rounds, Magee Women’s Hospital, University of Pittsburgh, Pittsburgh, PA, June 2003

**“Pediatric Craniomaxillofacial Trauma”**, Trauma Conference, Children’s Hospital of Pittsburgh, University of Pittsburgh, Pittsburgh, PA, August 2003.

**“Surgical Airway Management in Pierre Robin Sequence”**, The 4<sup>th</sup> Annual Ivy Lectureship & Meeting of the Pennsylvania Federation of Cleft Palate Clinics, Abramson Pediatric Research Center, The Children's Hospital of Philadelphia, Philadelphia, PA, November 2003

**“Pediatric Craniofacial Anomalies: Principles of Treatment”**, Pediatric Grand Rounds, Children's Hospital of Pittsburgh, University of Pittsburgh, Pittsburgh, PA, January 2004.

#### EDUCATIONAL CONTRIBUTIONS:

**Plastic Surgery Resident Basic Science Seminar**, Division of Plastic Surgery, University of Rochester, Rochester, NY, weekly seminar, 2000-2003

**Craniofacial Educational Conference**, Division of Plastic Surgery, University of Pittsburgh, Pittsburgh, PA, bi-monthly seminar, 2003-present.

#### PRESENTATIONS AT PROFESSIONAL MEETINGS:

**“Reduction Mammoplasty in Patients with Bulimia Nervosa”**. Joseph E. Losee, MD, Elethea H. Caldwell, MD, and Joseph M. Serletti, MD, 39<sup>th</sup> Annual Meeting of the Society of Plastic Surgeons of Upstate New York, Cooperstown, NY. Winning Paper in Competition, Spring 1997.

**“Secondary Reduction Mammoplasty”** Joseph E. Losee, MD, Elethea H. Caldwell, MD, and Joseph M. Serletti, MD, 40<sup>th</sup> Annual Meeting of the Society of Plastic Surgeons of Upstate New York. Rochester, NY, June 1998

**“Secondary Reduction Mammoplasty”** Joseph E. Losee, MD, Elethea H. Caldwell, MD, and Joseph M. Serletti, MD, Senior Resident’s Conference, Galveston, Texas, Spring 1999.

**“Free TRAM Flap Reconstruction in the Obese Patient”**. Joseph E. Losee, MD, Steven L. Moran, MD, and Joseph M. Serletti, MD, 41<sup>st</sup> Annual Meeting of the Society of Plastic Surgeons of Upstate New York, Rochester, NY, Spring 1999.

**“Secondary Reduction Mammoplasty”**. Joseph E. Losee, MD, Elethea H. Caldwell, MD, and Joseph M. Serletti, MD 16<sup>th</sup> Annual Meeting of the Northeastern Society of Plastic Surgeons. Burlington, VT, Sept. 1999.

**“Cranial Vault Expansion in the Management of Post-Shunt Craniosynostosis and the Slit Ventricle Syndrome.”** Weinzweig, Bartlett, Losee, Kirschner, Duhaime, Sutton, Whitaker. International Society of Craniofacial Surgery. VIIIth International Congress, Taipei, Taiwan, Nov. 1999.

**“Congenital Nasal Anomalies – An Institutional Experience and Classification Scheme.”** Joseph E. Losee, MD, Richard E. Kirschner, MD, Linton A. Whitaker, MD, and Scott P. Bartlett, MD, 46<sup>th</sup> Annual Scientific Meeting Robert H. Ivy Society, Philadelphia, PA, March 2000.

**“Synthetic Hybrid Grafts For Craniofacial Reconstruction: Sustained Gene Delivery Using a Calcium Phosphate Bone Mineral Substitute (Norian CRS)”**. Grace Ong, BS, Jagajan Karmacharya, MD, Oksana

Hunenکو, BA, Joseph E. Losee, MD, Bernard G. Martin, BS, MA, Timothy M. Crombleholme, MD, and Richard E. Kirschner, MD. 46<sup>th</sup> Annual Scientific Meeting Robert H. Ivy Society, Philadelphia, PA, March 2000.

**“Repair of the Pediatric Craniofacial Skeleton with a Calcium Phosphate Bone Mineral Substitute (Norian CRS): Analysis of Biocompatibility, Osteoconductivity, and Remodeling Capacity.”** Jagajan Karmacharya, MD, Joseph E. Losee, MD, Francis H. Gannon, MD, Okasana Hunenko, BA, Grace Ong, BS, Robert D. Poser, DVM, Scott P. Bartlett, MD, Richard E. Kirschner, MD. 46<sup>th</sup> Annual Scientific Meeting Robert H. Ivy Society, Philadelphia, PA, March 2000.

**“Craniosynostosis Induced by Fetal Constraint is Associated with Apoptosis and Premature Ossification of the Cranial Base.”** Karmacharya, Gannon, Teizeira, Mansfield, Losee, Hunenko, Shapiro, Kirschner, 57<sup>th</sup> Annual Meeting American Cleft Palate-Craniofacial Association, Atlanta, Georgia, April 2000

**“Congenital Nasal Anomalies – An Institutional Experience and Classification Scheme.”** Joseph E. Losee, MD, Richard E. Kirschner, MD, Linton A. Whitaker, MD, and Scott P. Bartlett, MD. 79<sup>th</sup> Annual Meeting American Association of Plastic Surgeons, Laguna Niguel, California, May 2000.

**“Synthetic Hybrid Grafts for Craniofacial Reconstruction: Sustained Gene Delivery Using a Bone Mineral Substitute.”** Karmacharya J, Ong G, Hunenko O, Losee JE, Martin BG, Crombleholme TM, Kirschner RE. Plastic Surgery Research Council Annual Meeting, Seattle, Washington, May 2000.

**“Synthetic Hybrid Grafts for Craniofacial Reconstruction: Sustained Gene Delivery Using a Calcium Phosphate Bone Mineral Substitute (Norian CRS).”** Kirschner RE, Karmacharya J, Ong G, Hunenko O, Losee JE, Martin BG, Crombleholme TM. 17<sup>th</sup> Annual Meeting Northeast Society of Plastic Surgeons, Montreal, Quebec, Canada, September 2000.

**“Congenital TMJ Ankylosis: A Proposed Treatment Protocol Utilizing Distraction Osteogenesis.”** Losee J, Bartlett S. 17<sup>th</sup> Annual Meeting Northeastern Society of Plastic Surgeons, Montreal, Quebec, Canada, September 2000.

**“Repair of the Pediatric Craniofacial Skeleton with a Calcium Phosphate Bone Mineral Substitute (Norian CRS): An Analysis of Biocompatibility, Osteoconductivity, and Remodeling Capacity”.** Karmacharya J, Losee JE, Gannon F, Hunenko O, Ong G, Poser R, Bartlett S, Kirschner R. 69<sup>th</sup> Annual ASPS/PSEF/ASMS Scientific Meeting, Los Angeles, CA, October 2000.

**“Synthetic Hybrid Grafts for Craniofacial Reconstruction: Sustained Gene Delivery Using a Calcium Phosphate Bone Mineral Substitute (Norian CRS).”** Karmacharya J, Ong G, Hunenko O, Losee JE, Martin BG, Crombelholme TM, Kirschner RE. 69<sup>th</sup> Annual ASPS/PSEF/ASMS Scientific Meeting, Los Angeles, CA, October, 2000.

**“Congenital Nasal Anomalies: A Classification Scheme.”** J Losee, R Kirschner, L Whitaker, S Bartlett. The 1<sup>st</sup> Ivy Lectureship and Penn Reunion, University of Pennsylvania, Philadelphia, PA, November 2000.

**“Temporomandibular Joint Ankylosis: A Proposed Treatment Protocol Utilizing Distraction Osteogenesis.”** Baker S, Losee J, Bartlett S. 58<sup>th</sup> Annual Meeting American Cleft Palate-Craniofacial Association, Minneapolis, MN, April 2001.

**“Temporomandibular Joint Ankylosis: A Proposed Treatment Protocol Utilizing Distraction Osteogenesis.”** Losee J, and Bartlett S. Annual Meeting American Association for Dental Research, Rochester Section, Eastman Dental Center, University of Rochester, Rochester, NY, May 2001.

**“Congenital TMJ Ankylosis: A Proposed Treatment Protocol Utilizing Distraction Osteogenesis.”** Losee J, and Bartlett S. 3<sup>rd</sup> International Congress of Craniofacial and Maxillofacial Distraction. Meridien Montparnasse, Paris, France. June 14,16, 2001.

**“Shortening the Period of Distraction and Consolidation: The Role of Callus Bending and Rigid Internal Fixation in Maxillary Distraction.”** Bartlett S, Baker S, and Losee, J. 3<sup>rd</sup> International Congress of Craniofacial and Maxillofacial Distraction. Meridien Montparnasse, Paris, France. June 14-16, 2001.

**“Repair of the Craniofacial Skeleton with a Calcium Phosphate Bone Mineral Substitute (Norian CRS): Effect of Skeletal Maturity on Long-Term Remodeling Capacity.”** Karmacharya J, Ong G, Hunenko O, Losee J, Gannon F, Bartlett S, and Kirshner R. XIth International Society of Craniofacial Surgery. Visby, Gotland, Sweden. June 17-20, 2001

**“Craniofacial Reconstruction with a New Calcium Phosphate Bone Mineral Substitute (Norian CRS): Interaction with Bioresorbable Mesh”.** Losee JE, Karmacharya J, Ong G, Gordon A, Hunenko O, Gannon, F, Bartlett S, Kirschner R. Northeastern Society of Plastic Surgeons, 18<sup>th</sup> Annual Meeting, Philadelphia, PA, October 2001.

**“Repair of the Craniofacial Skeleton with Norian CRS: Quantitative Assessment of Craniofacial Growth”.** Karmacharya J, Ong G, Gordon A, Hunenko O, Losee JE, Gannon F, Bartlett S, Kirschner R. Northeastern Society of Plastic Surgeons, 18<sup>th</sup> Annual Meeting, Philadelphia, PA, October 2001.

**“The Cleft Lateral Lip Element: Do Traditional Markings Result in Secondary Deformities?”** Arkoulakis N, Selber J, Serletti J, Losee JE. 2002 Plastic Surgery Senior Residents Conference. Seattle, Washington, March 2002.

**“Transfusion Free Pediatric Burn Surgery”**, Brooks C, Fox I, Losee JE. 44<sup>th</sup> Annual Meeting Society of Plastic Surgeons Upstate New York, Cooperstown, New York, May 2002.

**“The Cleft Lateral Lip Element: Do Traditional Markings Result in Secondary Deformities?”** Cardenas M, Selber J, Serletti J, Losee JE. 44<sup>th</sup> Annual Meeting Society of Plastic Surgeons Upstate New York, Cooperstown, New York, May 2002.

**“The Cleft Lateral Lip Element: Do Traditional Markings Result in Secondary Deformities?”** Losee, JE, Arkoulakis N, Selber J, Serletti JM. 19<sup>th</sup> Annual Meeting of the Northeastern Society of Plastic Surgeons, Bermuda, October 2-5, 2002

**“Transfusion Free Pediatric Burn Surgery: Techniques and Strategies”** Fox IK, Losee JL. 19<sup>th</sup> Annual Meeting of the Northeastern Society of Plastic Surgeons, Bermuda, October 2-5, 2002

**“Non-Synostotic Occipital Plagiocephaly: Radiographic Diagnosis of the Sticky Suture”** Losee JE, Bartlett SP, Feldman E, Ketkar M, Kirschner RE, Singh D, Westesson PL. 60<sup>th</sup> Anniversary Meeting American Cleft Palate-Craniofacial Association. Asheville, NC, April 2003

**“Repair of Oronasal Fistulae Using Acellular Dermal Matrices: Preclinical Study and Clinical Case Series”** Kirschner RE, LaRossa D, Losee JE, Sidiqqi F, Slemper AE. 60<sup>th</sup> Anniversary Meeting American Cleft Palate-Craniofacial Association. Asheville, NC, April 2003

**“Macromastia as an Etiologic Factor in Bulimia Nervosa: 10-Year Follow-up after Treatment with Reduction Mammoplasty”**, Long D, Caldwell E, Serletti J, Jiang S, Losee JE. 45<sup>th</sup> Annual Meeting Society of Plastic Surgeons Upstate New York, Canandaigua, NY, May 2003.

**“Factors Impacting Non-Synostotic Occipital Plagiocephaly: A Retrospective Review of 105 Cases at a Tertiary Care Center”** Hua L, Englert C, Lawrence R, Losee JE. 45<sup>th</sup> Annual Meeting Society of Plastic Surgeons of Upstate New York, Canandaigua, NY, May 2003.

**“Non-Synostotic Occipital Plagiocephaly: Radiographic Diagnosis of the Sticky Suture”** Feldman E, Bartlett SP, Krischner RE, Sing D, Ketkar M, Westesson PL, Losee JE. 45<sup>th</sup> Annual Meeting Society of Plastic Surgeons of Upstate New York, Canandaigua, NY, May 2003

**Midface Distraction at the Lefort I Level: The Role of Rapid Distraction, Callus Bending, and Rigid Internal Fixation.** Bartlett, SP, Baker S, Losee, JE. 10<sup>th</sup> International Society of Craniofacial Surgeons. Monterey, CA, September 2003.

**Breastfeeding and Non-Synostotic Occipital Plagiocephaly (NSOP): A Retrospective Review of 105 Cases at a Tertiary Care Center.** Losee JE, Englert CJ, Hua LB, Lawrence RA. 8<sup>th</sup> International Meeting of the Academy of Breastfeeding Medicine, October 16-20, 2003, Chicago, IL.

**Factors Impacting Non-Synostotic Occipital Plagiocephaly (NSOP): A Retrospective Review of 105 Cases at a Children’s Hospital,** Losee JE, Englert CJ, Hua LB, Lawrence RA. 20<sup>th</sup> Anniversary Meeting, Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2003.

**Macromastia as an Etiologic Factor in Bulimia Nervosa: 10-Year Follow-up After Treatment with Reduction Mammoplasty.** Jiang S, Hua LB, Kriepe RE, Caldwell EH, Serletti JS, Losee JE. 20<sup>th</sup> Anniversary Meeting Northeastern Society Plastic Surgeons, Baltimore, Maryland, October 2003.

**Expanded Strip Craniectomy and Postoperative Molding Helmet for Scaphocephaly: Patient Selection as a factor in Outcome.** Tomlin E, Losee JE, Vega S, Silberstein H. Annual Meeting AANS/CNS Section on Pediatric Neurological Surgery, Salt Lake City, Utah, Dec. 2-5, 2003.

**Transport Distraction Osteogenesis: A method to treat the difficult pediatric mandible.** Jiang S, Losee JE. 61<sup>st</sup> Annual Meeting American Cleft Palate-Craniofacial Association. Chicago, Illinois, March 2004.

**Expanded Strip Craniectomy and Postoperative Molding Helmet for Scaphocephaly: Patient Selection as a Factor in Outcome.** Vega S, Hua L, Mooney M, Cooper G, Weinburg S, Silberstein H, Losee JE. 61<sup>st</sup> Annual Meeting American Cleft Palate-Craniofacial Association, Chicago, Illinois, March 2004.

**Ex-Vivo Noggin Gene Therapy Inhibits Cranial Defect Healing in Rodents.** Cooper GM, Peng H, Usas A, Losee JE, Mooney MP, Huard J. 49<sup>th</sup> Annual Meeting of the Plastic Surgery Research Council, Ann Arbor, Michigan, June 2004.

**The Relationship Between Intracranial Pressure, Brain Volume, and Lateral Ventricle Volume in Rabbits with Uncorrected Craniosynostosis.** Mooney MP, Fellows-Mayle W, Hitchens TK, Horner J, Simplaceanu E, Barbano T, Losken HW, Losee J, Siegel MI. 49<sup>th</sup> Annual Meeting of the Plastic Surgery Research Council, Ann Arbor, Michigan, June 2004.

#### PARTICIPATION IN SYMPOSIUM AND PANELS:

**AO/ASIF Maxillofacial Course for Surgeons, “Absorbable Plating Systems”,** The Crown Plaza, Philadelphia, Pennsylvania, July 2000.

**American Cleft Palate Craniofacial Association: Team Challenge Panel.** Nagar Syndrome. Losee J, Hauk M, Carter Young E, Giangreco T. 58<sup>th</sup> Annual Meeting American Cleft Palate-Craniofacial Association, Minneapolis, MN, April 2001.

**AO/ASIF Maxillofacial Course for Surgeons.** “Absorbable Plating in Maxillofacial Surgery”. Four Points Sheraton, Rochester, NY. June 9-10, 2001.

**AO/ASIF Maxillofacial Course for Surgeons.** “Treatment of Pediatric Facial Fractures”. Four Points Sheraton, Rochester, NY. June 9-10, 2001.

**Moderator, Scientific Session F – Long Papers.** 19<sup>th</sup> Annual Meeting of Northeastern Society of Plastic Surgeons, Bermuda, October 2-5, 2002

**Misadventures in Facial Fractures, Panel,** 20<sup>th</sup> Anniversary Meeting of Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2003

**Moderator, Scientific Session C – Long Papers,** 20<sup>th</sup> Anniversary Meeting of Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2004.

**AO/ASIF Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction.** “Absorbable Fixation”. Philadelphia, Pennsylvania, October 11-12, 2003.

**AO/ASIF Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction.** “Craniofacial Reconstruction for Congenital Disorders”. Philadelphia, Pennsylvania, October 11-12, 2003.

**Post Traumatic Craniofacial Reconstruction.** Losee JE, Serletti JM, Bartlett SP. 72<sup>nd</sup> Annual Scientific Meeting of the American Society of Plastic Surgeons, San Diego, CA, October 2004.

**Co-Char, Scientific Session V: American Society of Craniofacial Surgeons – Part II.** 61<sup>st</sup> Annual Meeting American Cleft Palate-Craniofacial Association, Chicago, Illinois, March 2004.

**RESEARCH FUNDING:**

<u>Title</u>	<u>Project Number Source</u>	<u>Major Goal</u>	<u>P.I.</u>	<u>Annual Direct Costs</u>	<u>Percent Effort</u>	<u>Dates</u>
Evaluation of Norian Bone Cement and Macroporous Resorbable Mesh in Pediatric Craniofacial Reconstruction	AO/ASIF North America Resident Trauma Research Grant	Evaluation of a Calcium Phosphate Cement in combination with absorbable mesh in the reconstruction of pediatric skull defect reconstruction.	PI: Richard Kirschner, MD	\$5,000.00	100%	1999-2000
Evaluation of Demineralized Bone Matrix and Macroporous Resorbable Mesh in Pediatric Craniofacial Reconstruction	AO/ASIF North America Resident Trauma Research Grant	Evaluation of Demineralized Bone Matrix in combination with absorbable mesh in the reconstruction of pediatric skull defect reconstruction.	PI: Joseph E. Losee, MD Co-PI: Richard Kirschner, MD	\$5,000.00	100%	1999-2000

Bone Regeneration with Autologous Adipose-Derived	Pending ROI NIH	Determine use autologous adipose-derived stem cells in clinical medicine to	PI: Kacey Marra, PhD Co-PI: Joseph E. Losee,	\$1,000,000 (\$250,000/yr)	10%	2004-2008
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Stem Cells and BioActive Polymer Scaffolds		correct calvarial defects.	MD			
Refined Velocardiofacial Syndrome Phenotype in Children	Pending R21 DE016153 NIH/NIDCR		PI: Brion S. Maher Co-Investigator: Joseph E. Losee, MD	\$125,000	5%	7/1/2004-6/30/2007
Brain-Fluid Changes Following Coronal Suturectomy in a Craniosynostotic Rabbit Model	Pending ASMS	Follow the natural progression of synostosis as well as progression after surgery. Connection in an animal model.	PI: Joseph E Losee, MD Co-PI: Wendy Fellows-Mayle, Mark Mooney	\$7871	100%	2004-205
Rescue of Premature Sutures Fusion Using Noggin Cytokine Therapy in Craniosynostosis Rabbits	Pending AONA	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	\$5,000	100%	2004-2005
Rescue of Premature Sutures Fusion Using Noggin Cytokine Therapy in Craniosynostosis Rabbits	Pending 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	\$5,000	100%	2004-2005
Ex-Vivo Noggin Gene Therapy for Craniosynostosis	Pending RO1	Evaluate use of Noggin as a BMP-antagonist in the treatment of naturally occurring rabbitt craniosynostosis	PI: Mark Mooney, PhD Co-PI: Joseph E. Losee, MD	\$1,974,346	5%	2004-2009

#### OTHER RESEARCH RELATED ACTIVITIES:

**End-Tidal CO<sub>2</sub> as a Predictor of the Return of Spontaneous Circulation and Survivability in Pre-Hospital Cardiac Arrest Patients.** Thesis for undergraduate graduation with honors. Mentors: D. Mayer, MD, K Williams, PhD. Albany Medical School, Union University, Schenectady, NY, 1989.

**Dose-Responsive and Time-Responsive Pathologic Changes in Trachea and Bronchus Following High-Dose Rate Brachytherapy.** University of Rochester Medical Student Research Fellowship. Mentor: Richard Feins, MD. Departments Radiation Oncology and Thoracic Surgery, 1992.

**Evaluation of Norian Bone Cement and Macroporous Resorbable Mesh in Immature Pig Craniofacial Skeleton.** Mentor: Richard Kirschner, MD, Craniofacial Research Laboratory, University of Pennsylvania, Children's Hospital of Philadelphia, 1999-2000.

**The Role of Apoptosis in Deformational Plagiocephaly in the Constraint Mouse Model.** Mentor: Richard Kirschner, MD, Craniofacial Research Laboratory, University of Pennsylvania, Children's Hospital of Philadelphia, 1999-2000.

**Evaluation of Resorbable Mesh and Demineralized Bone Matrix in Immature Craniofacial Skeleton.** Co-Investigator: Richard Kirschner, MD, Craniofacial Research Laboratory, University of Pennsylvania, Children's Hospital of Philadelphia, 2002.

#### HOSPITAL ADMINISTRATIVE APPOINTMENTS:

**Member**, Committee Preventative Child Welfare, 2002 – 2003

**Chief**, Division Pediatric Plastic Surgery, Children's Hospital of Pittsburgh, University of Pittsburgh, Pittsburgh, PA. 7/2—3 – present

**Member**, Perioperative Committee, Children's Hospital of Pittsburgh, 7/2003 – present

**Member**, Medical Advisory Committee, Trauma, Children's Hospital of Pittsburgh, 7/2003 – present

**Member**, Fetal Diagnosis and Treatment Center, Magee Womens Hospital and Children's Hospital of Pittsburgh, 7/2003-present.

**Member**, Airway and Voice Center, Children's Hospital of Pittsburgh, 7/2003-present

**Member**, Medical Student Education Committee, Department of Surgery, University of Pittsburgh, 4/2004-present

**Member**, Pediatric Pulmonary Sleep Search Committee, 2004

**Member**, Peri-Operative Executive Committee, 4/2004 – present

**Member**, Operating Room Standardization Committee, 4/2004 - present

#### CURRENT RESEARCH INTERESTS AND WORK-IN-PROGRESS

Transfusion Free Pediatric Burn Surgery

Bone Regeneration with Autologous Adipose-derived Stem Cells and Bioactive Polymer Scaffolds. Marra K, Losee JE.

Ex-Vivo Noggin Gene Therapy for Craniosynostosis. Mooney M, Cooper G, Losee JE.

Radiographic Diagnosis of the Sticky Suture of Deformational Plagiocephaly. Losee JE.

Genetic Mapping Studies of Orofacial Clefts. Marazita M, Losee JE, Deleyiannis F, Murray JC.

Age-Related Changes in Lateral Ventricle Morphology in Craniosynostotic Rabbits Using Magnetic Resonance Imaging. Fellows-Mayle W, Hitchens TK, Simplanceanu E, Horner J, Barbano T, Nakaya K, Losee JE, Losken HW, Siegel MI, Mooney MP.