

CURRICULUM VITAE

Peter D. Costantino, MD, FACS
April 2009

GENERAL INFORMATION:

Mailing Address: The New York Head and Neck Institute
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New York, NY 10019

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Date of Birth: July 31, 1958

Place of Birth: Homestead, Pennsylvania

Citizenship: United States of America

Social Security: Available upon request

CURRENT EMPLOYMENT:

2005-Present **Director:**
Center for Craniofacial Reconstruction
The Roosevelt Hospital Center
New York, New York 10019

2000-Present **Co-Director:**
Center for Cranial Base Surgery
The Roosevelt Hospital Center
New York, New York 10019

2000-Present **Vice-Chairman:**
Department of Otolaryngology-Head & Neck Surgery
St. Luke's-Roosevelt Hospital Centers
New York, New York 10019

1980

University of Notre Dame
 Notre Dame, Indiana
 Bachelor of Science - High Honors

POSTDOCTORAL TRAINING:

1990-1991

Fellowship, Cranial Base Surgery
 Fellowship Directors:
 Ivo P. Janecka, MD (Otolaryngology/Plastic Surgery)
 Laligham Sekhar, MD (Neurosurgery)
 University of Pittsburgh Medical School
 Pittsburgh, Pennsylvania

1988-1989

**American Cancer Society Fellowship, Head and Neck
 Surgical Oncology and Reconstructive Surgery**
 (Approved by the Joint Council for Advanced Training
 in Head and Neck Oncology)
 Fellowship Director: George A. Sisson, Jr., MD
 Northwestern University Medical School
 Chicago, Illinois

1986-1988

Residency, Otolaryngology
 Northwestern University Medical School
 Chicago, Illinois

1985-1986

Residency, General Surgery
 Northwestern University Medical School
 Chicago, Illinois

1984-1985

Surgical Internship
 Northwestern University Medical School
 Chicago, Illinois

MILITARY EXPERIENCE:

1979-1995

United States Air Force (Reserve Commission)
 Final Rank: Major
 Discharge Status: Honorable

BOARD CERTIFICATION:

2000

**American Board of Facial Plastic and
 Reconstructive Surgery**

1990

American Board of Otolaryngology

LICENSURE: **New York State - 204458-1**

EDITORIAL, COMMITTEE, AND BOARD APPOINTMENTS:

2006-present	Member Public Information Committee American Academy of Facial Plastic and Reconstructive Surgery Alexandria, Virginia
2006-present	Member Investment Committee American Academy of Facial Plastic and Reconstructive Surgery Alexandria, Virginia
2006-present	Manuscript Reviewer Archives of Facial Plastic and Reconstructive Surgery
2006-present	Manuscript Reviewer <i>Journal of Biomedical Materials</i>
2005-present	Managing Director International Neuroscience Foundations, Inc. New York, New York
2002-2006	Board of Directors North American Skull Base Surgery Society Alexandria, Virginia
2001-present	Chairman: Medical Advisory Board International Neuroscience Foundation, Inc. New York, New York
2000-2003	Chairman Research Committee Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery Alexandria, Virginia
2000-2002	Section Chairman: Home Study Course Faculty Facial Plastic and Reconstructive Surgery Section American Academy of Otolaryngology-Head & Neck Surgery Foundation, Inc.

EDITORIAL, COMMITTEE, AND BOARD APPOINTMENTS (continued):

2000-present	Appointed Member: Combined Otolaryngologic Research Evaluation Committee (Tasked with reviewing all research grants offered by the various otolaryngology societies in the United States) American Academy of Otolaryngology-Head & Neck Surgery Foundation, Inc.
2000-present	Executive Committee and Chairman of Corporate Donations Face-To-Face Charity of the Educational and Research Foundation of the American Academy of Facial Plastic and Reconstructive Surgery, Inc.
2000-2002	Member Membership and Credentials Committee North American Skull Base Society
1999-2002	Director Board of Directors LifeCell Corporation, Branchburg, NJ
1999-2002	Member Board of Directors Yul Brynner Head and Neck Cancer Foundation, Inc.
1999-2001	Member Relative Value Scale Committee Amer. Academy of Otolaryngology-Head & Neck Surgery Foundation, Inc.
1999-2002	Manuscript Reviewer <i>Head & Neck Surgery</i>
1999-present	Member Research Committee Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery, Inc.
1997-2003	Associate Editor: Facial Plastic and Reconstructive Surgery International Editorial Board <i>Journal: Otolaryngology-Head and Neck Surgery</i> Official journal of the American Academy of Otolaryngology-Head and Neck Surgery Foundation, Inc.

EDITORIAL, COMMITTEE, AND BOARD APPOINTMENTS (continued):

1997–1999	Chairman: Scientific Advisory Board LifeCell Corporation, Branchburg, NJ
1997-1999	Member Skull Base Surgery Committee American Academy of Otolaryngology- Head and Neck Surgery Foundation, Inc.
1997-present	Member Research Committee Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery, Inc.
1997-present	Manuscript Reviewer <i>Journal of Investigative Surgery</i> The Academy of Surgical Research
1996-1997	Examiner Oral Board Examination American Board of Otolaryngology
1996-1997	Scientific Advisory Board LifeCell Corporation Woodlands, Texas
1995-present	Member Surgical Techniques and Devices Committee American Academy of Otolaryngology
1995-present	Member Scientific Advisory Board Stryker-Leibinger, Inc. Rutherford, New Jersey
1991-1996	Board Member Yul Brynner Research Foundation, Inc. Holy Family Hospital 100 North River Road, Des Plaines, Illinois
1994-1998	Manuscript Reviewer <i>Journal: Head and Neck</i> John Wiley & Sons, Inc.

EDITORIAL, COMMITTEE, AND BOARD APPOINTMENTS (continued):

- 1994-1997** **Editorial Board Assistant:**
Skull Base Surgery
 Otolaryngology-Head and Neck Surgery
 Mosby-Year Book, Inc.
- 1993-1996** **Member**
 Task Force on New Materials
 American Academy of Otolaryngology
- 1992-1998** **Member**
 Self-Instructional Package (SIPAC) Committee
 American Academy of Otolaryngology

PAST ACADEMIC/HOSPITAL/SCIENTIFIC APPOINTMENTS:

- 2002-2004** **Director of Otolaryngology Resident Training**
 Departments of Otolaryngology
 St. Luke's-Roosevelt Site
 New York Medical College
 Valhalla, New York
- 1998-2002** **Clinical Associate Professor**
 Division of Oral and Maxillofacial Surgery
 Department of Dentistry
 The Mount Sinai School of Medicine
 New York, New York
- 1998-2000** **Co-Director: Cranial Base Surgery Program**
 Departments of Otolaryngology and Neurosurgery
 The Mount Sinai School of Medicine
 New York, New York
- 1998-2000** **Associate Professor of Neurosurgery**
 Department of Neurosurgery
 The Mount Sinai School of Medicine
 New York, New York
- 1996-2000** **Associate Professor of Otolaryngology**
 Department of Otolaryngology
 The Mount Sinai School of Medicine
 New York, New York

PAST ACADEMIC/HOSPITAL/SCIENTIFIC APPOINTMENTS (continued):

- 1997–2000** **Advisory Council: Mount Sinai Faculty Practice Associates**
Faculty Practice Associates
The Mount Sinai Medical Center
New York, New York
- 1996-1998** **Associate Professor and Co-Director of Microsurgery Fellowship and Laboratory**
Department of Otolaryngology
The Mount Sinai School of Medicine
New York, New York
- 1995-1996** **Associate Professor and Chief: Section of Head and Neck Oncology**
Department of Otolaryngology and Cardinal Bernardine Cancer Center
Loyola University Stritch School of Medicine
Maywood, Illinois
- 1995-1996** **Chief: Division of Otolaryngology**
Department of Surgery
Columbus, Cuneo, and Cabrini Hospitals Medical Center
Chicago, Illinois
- 1991-1995** **Major: United States Air Force Medical Corp. Director: Research and Education**
Staff Surgeon: Department of Otolaryngology
Wilford Hall Medical Center
Lackland Air Force Base, Texas
- 1994-1995** **Naval Command Consultant**
Head and Neck Surgery and Skull Base Surgery
Portsmouth Naval Medical Center
Portsmouth, Virginia
- 1992-1994** **Clinical Assistant Professor**
Department of Otolaryngology
Loyola University Stritch School of Medicine
Maywood, Illinois
- 1991-1993** **Clinical Assistant Professor**
Department of Otolaryngology
University of Texas Health Science Center
San Antonio, Texas

PAST ACADEMIC/HOSPITAL/SCIENTIFIC APPOINTMENTS (continued):**1990-1991****Instructor**

Department of Otolaryngology
 University of Pittsburgh School of Medicine
 Pittsburgh, Pennsylvania

PROFESSIONAL SOCIETIES:

Alpha Omega Alpha National Medical Honor Society
 American Rhinologic Society
 American Society For Reconstructive Microsurgery
 Fellow: American Academy of Facial Plastic and Reconstructive Surgery
 Diplomate: American Academy of Otolaryngology-Head and Neck Surgery
 Fellow: American College of Surgeons
 New York County Medical Society
 New York Facial Plastic Surgery Society
 New York Head & Neck Society
 North American Skull Base Society
 New York Laryngological Society
 New York State Society of Otolaryngologist
 Society for Biomaterials
 Society of Univeristy Otolaryngologists – Head and Neck Surgeons

HONORS/AWARDS:

- 2009** **The New York Times Magazine. “New York Super Doctors”**
Description: Selected as on of the top 5 percent of New York City doctors
- 2008** **Castle Connolly Medical LTD. “Top Doctor in New York Metro Area”**
Description: Americas trusted source for identifying Top Doctors. (12th Ed.)
- 2008** **Castle Connolly Medical LTD. “America’s Top Doctor’s for Cancer”**
Description: Nominated by physician peers as the nation’s top medical specialist for Cancer I the nation. (4th Ed.)
- 2008** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2008)
- 2008** **New York Magazine “2008 – Best Doctors in New York”**
Description: Americas trusted source for identifying Top Doctors. (June 2008)
- 2008** **The New York Times Magazine. “New York Super Doctors”**
Description: Selected as on of the top 5 percent of New York City doctors.
- 2007** **Castle Connolly Medical LTD. “Top Doctor in New York Metro Area”**
Description: Americas trusted source for identifying Top Doctors. (11th Ed.)

HONORS/AWARDS (continued):

- 2007** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2007)
- 2007** **Castle Connolly Medical LTD. “America’s Top Doctor’s for Cancer”**
Description: Nominated by physician peers as the nation’s top medical specialist for Cancer in the nation. (3rd Ed.)
- 2007** **New York Magazine “2007 - Best Doctors in New York”**
Description: Americas trusted source for identifying Top Doctors. (June 2007)
- 2006** **Castle Connolly Medical LTD “Top Doctor in New York Metro Area”**
Description: Americas trusted source for identifying Top Doctors. (10th Ed.)
- 2006** **New York Magazine “2006- Best Doctors in New York”**
Description: Selected as one of the top physician in his field. (June 2006)
- 2006** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2006)
- 2006** **Castle Connolly Medical LTD. “America’s Top Doctors for Cancer”**
Description: Nominated by physician peers as the nation’s top medical specialists for Cancer in the nation. (2nd Ed.)
- 2005** **Best Doctors in America 2005-2006**
Description: selected by “The Best Doctors in America” publication.
- 2005** **New York Magazine “2005- Best Doctors in New York”**
Description: Selected as one of the top physicians in his field. (June 2005)
- 2005** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2005)
- 2005** **Castle Connolly Medical LTD. “America’s Top Doctors for Cancer”**
Description: Nominated by physician peers as the nation’s top medical specialists for Cancer in the nation. (Ed. 2005)
- 2004** **Better Living Magazine “2004- Best Doctors in America”**
Description: Nominated by fellow doctors as one of “The Best Doctors” for the annual edition of Better Living Magazine edition (Jan 2004).
- 2004** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2004)
- 2003** **Best Doctors in America 2003-2004**
Description: selected by “The Best Doctors in America” publication.

HONORS/AWARDS (continued):

- 2003** **New York Magazine “2003-Best Doctors in New York”**
Description: Selected as one of the ten “Hall of Fame” doctors for the annual doctors/medicine edition (June 2003).
- 2003** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2003)
- 2002** **New York Magazine “2002-Best Doctors in New York”**
Description: Selected as one of the ten “Hall of Fame” doctors for the annual doctors/medicine edition (June 2002).
- 2002** **Castle Connolly Medical LTD. “America’s Top Doctor”**
Description: Selected as one of the top specialist throughout the nation. (Ed. 2002)
- 2001** **New York Magazine “2001-Best Doctors in New York”**
Description: Selected as one of the ten “Hall of Fame” doctors for the annual doctors/medicine edition (June 2001).
- 1999** **Honor Award**
Presented by: The American Academy of Otolaryngology-Head and Neck Surgery
Description: National award presented to members of the American Academy of Otolaryngology-Head & Neck Surgery in recognition of volunteer efforts to the academy.
- 1997** **Ira Tresley Award**
Presented by: The American Academy of Facial Plastic and Reconstructive Surgery
Description: National award presented annually for the most outstanding research in facial plastic and reconstructive surgery performed by a surgeon that has been in academic practice for at least three years. (Co-awarded with Dr. Craig D. Friedman)
- 1995** **Ira Tresley Award**
Presented by: The American Academy of Facial Plastic and Reconstructive Surgery
Description: National award presented annually for the most outstanding research in facial plastic and reconstructive surgery performed by a surgeon that has been in an academic practice for at least three years.
- 1992** **Physician of the Quarter**
Presented by: The Command Staff at Wilford Hall USAF Medical Center
Description: A local award presented quarterly to the physician that has demonstrated excellence in the performance of clinical and educational duties.
- 1992** **D. Ralph Millard Investigation Scholarship Award**
Presented by: Plastic Surgery Educational Foundation
Description: A national award presented annually for the most outstanding basic science or clinical research related to General Plastic and Reconstructive Surgery.

HONORS/AWARDS (continued):

- 1992 Ben Shuster Award**
Presented by: The American Academy of Facial Plastic and Reconstructive Surgery
Description: A national award presented annually for the most outstanding research in facial plastic and reconstructive surgery performed by a resident or fellow.
- 1990 Ben Shuster Award**
Presented by: The American Academy of Facial Plastic and Reconstructive Surgery
Description: A national award presented annually for the most outstanding research in facial plastic and reconstructive surgery performed by a resident or fellow.
- 1990 Air Force Clinical Surgeons Award**
Presented by: Society of Air Force Clinical Surgeons
Description: A national award presented annually for outstanding basic science or clinical research performed by a United States Air Force Surgeon in any surgical procedure
- 1990 First Prize: Francis L. Lederer - Norval H. Pierce Resident Research Competition**
Presented by: The Chicago Laryngological and Otological Society
Description: A local award presented annually for outstanding research in the field of otolaryngology-head and neck surgery performed by a resident.
- 1989 American Cancer Society Clinical Fellowship Award**
Presented by: The American Cancer Society
Description: Presented annually to provide financial support for clinical fellowship training in head and neck surgical oncology.
- 1988 First Prize: Francis L. Lederer - Norval H. Pierce Resident Research Competition**
Presented by: The Chicago Laryngological and Otological Society
Description: A local award presented annually for outstanding research in the field of otolaryngology-head and neck surgery performed by a resident.
- 1988 First Prize: Northwestern University Medical School Resident Research Competition**
Presented by: Department of Otolaryngology
Description: A departmental award presented annually for outstanding research in the field of otolaryngology, performed by a resident.
- 1987 Second Prize: Northwestern University Medical School Resident Research Competition**
Presented by: Department of Otolaryngology
Description: A departmental award presented annually for outstanding research in the field of otolaryngology, performed by a resident.

HONORS/AWARDS (continued):**1987 Second Prize: Francis L. Lederer - Norval H. Pierce****Resident Research Competition**

Presented by: The Chicago Laryngological and Otological Society

Description: A local award presented annually for outstanding research in the field of otolaryngology-head and neck surgery performed by a resident.

1984 George J. Dennis Award

Presented by: Northwestern University Medical School

Description: An award presented annually to the Northwestern University medical student who has demonstrated the most outstanding performance throughout all required clinical clerkships

RESEARCH ACHIEVEMENTS:

- Published the first report on the use of distraction osteogenesis to re-grow bone in a segmental mandible defect in an animal model (canine). (1990).
- Published the first report on the use of distraction osteogenesis to re-grow bone within a segmental mandible defect in a human. (1995).
- Co-developer of the first calcium phosphate cement (BoneSource™, Stryker-Leibinger, Inc., Kalamazoo, Michigan) cleared for human use by the Food and Drug Administration. This cement can be sculpted intraoperatively and sets *in vivo* to a hard implant composed of hydroxyapatite, bonds to the bone and slowly supports the ingrowth of new bone into the implant. The cement is now sold internationally for craniofacial reconstruction. It is currently in clinical trials for various orthopedic applications (1996).
- Published the first report on the use of acellular dermis for the repair of dural defects in an animal model (1998). Published the first long-term clinical and histologic results using acellular dermis (AlloDerm, LifeCell Corporation, Houston, Texas), for reconstructive facial soft tissue augmentation (1997).
- Performed the first use of acellular dermis for the repair of dural defects in humans. This material is one of the more commonly applied biomaterials for dural defect repair in the United States (1998).
- Published the first use of laparoscopically harvested omental microvascular transfer for craniofacial defect reconstruction. (2005)
- Developed the first composite 3-D CT generated acrylic cranial reconstruction implant coupled with a self setting calcium cement. (2006)

CLINICAL RESEARCH AND TRAINING GRANT SUPPORT:**Principal Investigator:****2003 – present**

Porex Corporation (Atlanta, Georgia)
 Comparative effect of Titanium Mesh for Maxillary
 Reconstruction with high density porous
 polythyleneduring radiation therapy
 Support: \$10,000

2001-2004

Stryker Corporation
 Technology Development Grant
 \$450, 000 funding support over three years
 \$300,000 in equipment (consisting of two prototype surgical
 navigational systems for otolaryngology, neurosurgery,
 cranial base surgery, and spine surgery installed in the
 neurosurgery/cranial base operating rooms at The Roosevelt
 Hospital.
 Support: \$750,000

Principal Investigator (continued):**1999**

LifeCell Incorporated
 Parotidectomy Defect Reconstruction with Acellular Dermis
 Support: \$60,000

1999

Matrix Pharmaceutical, Inc.
 A Phase III Study examining the use of IntraDose, a
 combination of cisplatin, epinephrine and bovine collagen,
 delivered intratumorally to patients with refractory or
 recurrent squamous cell carcinoma of the head and neck
 Support: All expenses incurred in the enrollment, treatment
 and follow-up of five patients.
 Support: \$45,000

1991-1998

American Dental Association Health Foundation:
 This is a Food and Drug Administration Approved
 Clinical Trial Applying Hydroxyapatite Cement to
 Neurosurgical and Craniofacial Defect Reconstruction
 Food and Drug Administration IDE Number:
 G910073/A2
 Support: All materials support for a 100 patient 3-year
 clinical trial and five-year follow-up evaluation.

1992

United States Air Force Biomedical Research Grant:
 “The Use of Bifocal Distraction Osteogenesis for the
 Regrowth of Human Mandibular Bone Following
 Trauma or Oncologic Resection”
 Support: All Expenses Incurred in the Reconstructive
 Treatment of Ten Patients

1988-1989 American Cancer Society Clinical Fellowship:
Training Grant
Support: \$10,000

Co-Investigator:

1997 The Mount Sinai School of Medicine
Investigational Review Board Approval:
“The Use of AlloDerm for Post-Parotidectomy Volume
Defect Reconstruction in Humans”
Principal Investigator: Michael Cohen, MD
Support: Intradepartmental

BASIC SCIENCE and TRANSLATIONAL RESEARCH GRANT SUPPORT:

Principal Investigator:

1999-2000 Research Assistant Funding for
Radiofrequency Myringotomy Feasibility Testing
Support: \$1,099.29

1999-2000 The Use of an Acellular Dermal Matrix for Soft Tissue
Augmentation in the Animal Model from LifeCell, Corp.
Support: \$53, 198.72

1999-2000 Comparison of an Acellular Dermal Allograft and Bovine
Pericardium for Dural Replacement from LifeCell Corp.
Support: \$49,595.56

1997-2000 Unrestricted Educational Grant from Stryker-
Leibinger, Inc., to the Department of Otolaryngology
The Mount Sinai School of Medicine,
Support: \$50,000 per year for three consecutive years (total
\$150,000)

1998 Industrial grant from LifeCell Corporation: “The Use of
Acellular Dermis for Chronic Tympanic Membrane
Perforation Repair in a Chinchilla Model.”
Support: \$20,000

1998 Industrial Grant from Howmedica-Leibinger, Inc.:
“The Use of Hydroxyapatite Cement with Titanium
Mesh for Cranioplasty in an Animal Model”
Support: \$40,085.57

Principal Investigator (continued):

- 1997** Research Assistant Funding for Hydroxyapatite Cement Research Projects from Howmedica-Leibinger, Inc.
- 1997** Research Assistant funding (12 months) for AlloDerm Research Projects from LifeCell Corporation
Support: \$36,000
- 1997** Industrial Grant from LifeCell Corporation:
“The Use of XenoDerm for Subdermal Volume Augmentation in a Mini-Pig Model”
Support: \$30,601
- 1997** “Tracheal replacement using a vascularized latissimus muscle autograft with titanium mesh”
Period: September 1, 1997-August 31, 1998
Budget: \$22,270 - Intradepartmental Funding
- 1996** Industrial Grant from LifeCell Corporation:
“The Use of XenoDerm for Dural Replacement in a Mini-Pig Model”
Support: \$20,700
- 1993** United States Air Force Biomedical Research Grant
“The Use of Pthalocyanines in the Treatment of Laryngeal Squamous Cell Carcinomas in a Nude Mouse Model” and “The Use of Benzoporphorin Monoacid in the Treatment of Laryngeal Carcinomas in a Nude Mouse Model”
Support: \$120,000
- 1992** United States Air Force Biomedical Research Grant:
“Experimental Tracheal Replacement with a De-Mucosalized Jejunal Autograft and Implantable Dacron Mesh Tube”
Support: Approximately \$15,000
- 1990** Yul Brynner Research Foundation:
“Experimental Tracheal Replacement with a Re-Vascularized Jejunal Segment and Dacron Sleeve Prosthesis”
Support: \$8,000
- 1989** Yul Brynner Research Foundation:
“Mandibular Regeneration by Distraction Osteogenesis: An Experimental Study”
Support: \$8,000

Principal Investigator (continued):

- 1988** American Dental Association Health Foundation:
 “The Use of a New Hydroxyapatite Cement Contained
 in Collagen Membrane Tubules for Alveolar Ridge and
 Supraorbital Rim Augmentation”
 Support: \$7,800
- 1987** Yul Brynner Research Foundation:
 “Experimental Hydroxyapatite Cement Cranioplasty”
 Support: \$7,000
- 1986** Yul Brynner Research Foundation:
 “The Experimental Use of Isobutyle-2-Cyanoacrylate in
 the Prevention of Carotid Artery Rupture”
 Support: \$6,000

Co-Investigator:

- 1998** “Long-Segment Tracheal Transplantation in Dogs Using the
 Novel Immunosuppressive Agents Neoral and Sirolimus”
 Study proposal submitted to NOVARTIS Pharm. 3/31/97
 Principal Investigator: Patrick Gannon, Ph.D.
- 1997** AAFPRS Resident Grant Award:
 “Creation of a Vascularized Bone Graft Using a
 Composite Matrix of Hydroxyapatite Cement and
 Autologous Collagen”
 Principal Investigator: Arthur Falk, MD
- 1996** The Mount Sinai School of Medicine and The
 American Laryngological Association:
 “Tracheal Transplantation in Dogs”
 Principal Investigator: Patrick J. Gannon, Ph.D.
- 1996** United States Air Force Biomedical Research Grant:
 “The Use of Hydroxyapatite Cement and Internal Rigid
 Fixation for Segmental Defect Reconstruction in a Canine
 Model”
 Principal Investigator: Carl Bifano, DDS, MD
- 1996** United States Air Force Biomedical Research Grant:
 “The Use of Bifocal Distraction Osteogenesis for
 Segmental Mandible Defect Reconstruction in a
 Radiated Canine Model”
 Principal Investigator: Carl Bifano, DDS, MD

Co-Investigator (continued):

- 1996** United States Air Force Biomedical Research Grant:
“The Use of Hydroxyapatite Cement With and Without Demineralized Bone for Alveolar Ridge Augmentation in a Canine Model”
Principal Investigator: Carl Bifano, DDS, MD
- 1994** Industrial Grant from American Medical Electronics, Inc.:
“The Use of Hydroxyapatite Cement to Improve Titanium Screw Fixation in the Canine Mandible”
Principal Investigator: Mary Ann Wall, MD
- 1992** United States Air Force Biomedical Research Grant:
“The Effect of Low Frequency Ultrasound on the Healing of Mandibular Fractures in Canines”
Principal Investigator: Dwight Ellerbee, MD
- 1990** Evanston Hospital Research Fund:
“Cerebrospinal Fluid Leak Prevention Using Hydroxyapatite Cement in Chinchilla Translabarynthine Mastoid Defects”
Principal Investigator: Alan J. Micco, MD
- 1989** Yul Brynner Research Foundation:
“Facial Skeletal Augmentation with Hydroxyapatite Cement in a Canine Model”
Principal Investigator: Maisie L. Shindo, MD
- 1986** Yul Brynner Research Foundation:
“The Use of a New Hydroxyapatite Cement in the Obliteration and Reconstruction of Cat Frontal Sinuses”
Principal Investigator: Craig D. Friedman, MD

PUBLICATIONS:

1. McCarthy WJ, Hartz RS, LoCicoero J, **Costantino PD**, Michaelis L, Sottiurai V, Yao JST: Vascular anastomosis with laser energy. *Proc Ins Med Chicago*, 38:31-32, 1985.
2. Russell EJ, Fagan SJ, Levy J, Friedman CD, **Costantino PD**, Rogers L: Ectopic meningioma with neurofibromatosis. *Amer J Rad*, 150:1437-1438, 1988.
3. **Costantino PD**, Atiyah RA, Micco A, Sisson GA: The use of Isobutyl-2-cyanoacrylate in the prevention of carotid artery rupture: An experimental study. *Laryngoscope*, 98:377-381, 1988.
4. **Costantino PD**, Friedman DC: Benign infiltrating intermuscular lipoma. *Arch Otolaryngol Head Neck Surg*, 1114:1480-1482, 1988.

PUBLICATIONS (continued):

5. **Costantino PD**, Friedman CD, Pelzer H: Neurofibromatosis Type-II of the head and neck: Bilateral acoustic neuromas and a nasopharyngeal meningioma. *Arch Otolaryngol Head Neck Surg*, 115:380-383, 1989.
6. **Costantino PD**, Jones D, Atiyah RA: Signet ring adenocarcinoma of the ethmoid sinuses. *Arch Otolaryngol*, 155:1256-1259, 1989.
7. A. Russell EF, **Costantino PD**: Imaging of AIDS in the head and neck. *Contemp Diagnost Radiol* 13:1-6, 1989.
8. Friedman CD, **Costantino PD**: Facial fractures and bone healing in the elderly. Pelzer H, and Sisson G (eds.), *Geriatric Otolaryngology, Otolaryngol Clinics North Amer* 23:1109-1119, 1990.
9. Friedman CD, **Costantino PD**, Teitelbaum B, Berktold R, Sisson GA: Primary extracranial meningiomas of the head and neck. *Laryngoscope*, 100:41-48, 1990.
10. **Costantino PD**, Friedman R, Karlin MS: Recurrent neurogenic sarcoma of the paranasal sinuses *Otolaryngol Head Neck Surg*, 103: 128-130, 1990.
11. Chow LC, Takagi S, **Costantino PD**: Calcium phosphate cement. *Proceedings: Mat Sci Res Symp.*,170:3-24, 1991.
12. **Costantino PD**, Shybut G, Friedman CF, Masini M, Pelzer HJ, Sisson GA, Shindo ML: Segmental mandibular regeneration by distraction osteogenesis: An experimental study. *Arch Otolaryngol Head Neck Surg*, 116:535-545, 1990.
13. **Costantino PD**, Friedman CD, Jones K, Chow LC, Pelzer HJ, Sisson GA: Hydroxyapatite cement: Part 1 - Basic chemistry and histologic properties. *Arch Otolaryngol Head Neck Surg* 117(4): 379-384, April 1991.
14. **Costantino PD**, Friedman CD: Facial skeletal replacement by distraction osteogenesis. Atiyah R, and Sisson G (eds.), *Advanced Techniques in Head and Neck Surgery. Otolaryngol Clinics North Amer*, 24:1433-1443, 1991.
15. Friedman CD, **Costantino PD**, Jones K, Chow LC, Pelzer HJ, Sisson GA: Hydroxyapatite cement: Part II - Obliteration and reconstruction of the cat frontal sinus. *Arch Otolaryngol Head Neck Surg*, 117(4):385-389, April 1991.
16. **Costantino PD**, Russell EJ, Reisch D, Hart C: Ruptured petrous carotid aneurysm presenting with otorrhagia and epistaxis. *Amer J Otol*, 12:378-383, 1991.
17. Shindo ML, **Costantino PD**, Friedman CD, Pelzer HJ, Sisson GA, Bressler FJ: The pectoralis major myofascial flap for intraoral and pharyngeal reconstruction. *Arch Otolaryngol Head Neck Surg*, 118:707-711, 1992.

PUBLICATIONS (continued):

18. Snyderman CH, **Costantino PD**, Sekhar LN: Anterior approaches to the cranial base. Appuzo M (ed.), *Brain Surgery: Complication Avoidance and Management*. Raven Press, New York, New York, Volume 2, pp. 2268-2281, 1992.
19. **Costantino PD**, Friedman CD, Jones K, Chow LC, Sisson GA: Experimental hydroxyapatite cement cranioplasty. *Plast Reconstr Surg*, 90(2):174-191, August 1992.
20. **Costantino PD**, Nuss DW, Snyderman CH, Johnson JT, Narayanan K: Synopsis: Experimental tracheal replacement using revascularized jejunum and a dacron mesh tube. *Plastic Surgical Forum*, 15:177;179, 1992.
21. **Costantino PD**, Nuss DW, Snyderman CH, Johnson JT, Friedman CF, Narayanan K, Houston: Experimental tracheal replacement using a revascularized jejunal autograft with an implantable 11 dacron mesh tube. *Ann Otol Rhinol Laryngol*, 101:807-814, 1992.
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PUBLICATIONS (continued):

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85. Ismail AS, **Costantino PD**, Hiltzik DH, Moche J, Friedman C: New Horizons in Oral Cavity Reconstruction. In: Day T, Girod, D (eds) *Oral Cavity Reconstruction*, Marcel Dekker, (22): 431-447, October 2005
86. **Costantino PD**, Janecka IP, Ismail AS: Cranial Base Surgery. Bailey BJ (ed.), *Head and Neck Surgery.* JB Lippincott Co., Philadelphia, Pennsylvania, Vol. 4, Chapter 126, March 2005
87. Shrivistava RK, Sen C, **Costantino PD**, Della Rocca R: Spenoorbital meningioma:Surgical Limitations and Lessons Learned in their Long-Term Management. *J. Neurosurg.* Vol. 103 491-497, September 2005
88. Soliman, AS, **Costantino PD**, Sen, C., Transnasal Transphenoidal Endoscopic Repair of CSF Leak Using Multilayer Acellular Dermis. *J. Skull Base. An Interdisciplinary Approach.* Vol. 17(2):125-32, March 2007.
89. Barrenechea I, Perin N, Triana A, Lesser J, **Costantino PD**, Sen C., Surgical Management of Chordomas of the Cervical Spine. *Journal of Neurosurgery: Spine* Vol. 6 No. 5: 398-406 May 2007
90. Tadros M, **Costantino PD**, Advances in Cranioplasty: A Simplified Algorithm to Guide Cranial Reconstruction of Acquired Defects. *Facial Plastic Surgery* ; Vol 24 (1):135-145 May 2008

PUBLICATIONS SUBMITTED FOR PEER-REVIEW:

1. Krespi Y, Mangone J, Datta A, Friedman C, **Costantino PD**., Evaluation of Reticulated Polyurethane Scaffold for Soft Tissue Augmentation. *Arch Facial Plastic Surgery*

ABSTRACT, POSTER AND VIDEO PRESENTATIONS:

1. Poster: Neurofibromatosis Type-II of the head and neck: Bilateral acoustic neuromas and a nasopharyngeal meningioma (Primary author). Second International Conference on Head and Neck Cancer, Boston, Massachusetts, July 1988.
2. Poster: Extracranial meningioma with cervical metastasis (Primary author). Second International Conference on Head and Neck Cancer, Boston, Massachusetts, July 1988.
3. Friedman CD, Costantino PD, Chow LC, Takagi S: Craniomaxillofacial reconstruction with tetracalcium phosphate cement. Abstract: 69th General Session - International Association for Dental Research, Vol. 70, p. 280, 1991.
4. Video: Experimental and clinical cranial reconstruction with hydroxyapatite cement (Primary author). First International Skull Base Surgery Congress, Hanover, Germany, June 1992.
5. Poster: Prolonged survival after primary squamous cell carcinoma of the thyroid (Co-author). Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C., September 1992.
6. Poster: Lymphangiohemangioma of the orbit and infratemporal fossa (Co-author). Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C., September 1992.
7. Poster: Granular cell tumor of the subglottic trachea (Co-author). Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota, October 1993.
8. Video: Contemporary treatment of paranasal sinus malignancies (Co-author). Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota, October 1993.
9. Poster: Hemangiopericytoma of the paranasal sinuses: Case report and literature review (Co-author). 1994 Combined Meeting of the German and North American Skull Base Surgery Societies, Orlando, Florida, February 1994.
10. Poster: Sinonasal undifferentiated carcinoma: Current trends in treatment (Co-author). 1995 Joint Annual Meeting of the North American Skull Base Society.
11. Poster: Contemporary surgical treatment of benign ossifying paranasal sinus tumors (Co-author). 1995 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana.
12. Abstract: Cerebrospinal fluid leak repair with hydroxyapatite cement (Co-author). 1997 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, San Francisco, California, September 7-10, 1997.

ABSTRACT, POSTER AND VIDEO PRESENTATIONS (continued):

13. Abstract: The use of the vascularized temporo-parietal facial flap for peri-orbital and midface reconstruction (Co-author). 1997 Annual Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, September 4-6, 1997.
14. Abstract: A New Dog Model of Tracheal Transplantation: Use of the Peritracheal Mesentery (Co-author). 100th Annual Meeting of the American Laryngological, Rhinological and Otological Society, Inc., February 1, 1998.
15. Abstract: Prefabrication of vascularized bone graft for use in craniofacial reconstruction - results of preliminary study on matrix fabrication (Co-author). Seventh International Symposium, American Academy of Facial Plastic and Reconstructive Surgery, June 16-30, 1998, Orlando, Florida.
16. Invited Book Review: Calvarial and Dural Reconstruction. Rengachary SS, and Benzel EC (eds.), Amer. Congress of Neurological Surgeons, Park Ridge, Illinois. In: Otolaryngology-Head and Neck Surgery.
17. Poster: Minimally Invasive Surgery Techniques and Technology in Skull Base Surgery: Angiographic Techniques, PD Costantino, American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, New Orleans, Louisiana, September 25-29, 1999.
18. Poster: Giant Frontal Meningioma in a Five-year old: three step resection and reconstruction. (Co-author). 27th Annual Congress International Society for Pediatric Neurosurgery, Salt Lake City, UT, September 26-30, 1999.
19. Abstract: Analysis of Micronized AlloDerm for Injection Laryngoplasty (Co-Author) Otolaryngology-Head and Neck Surgery, Poster 66, August 2000.
20. Sen C, Triana A, Hiltzik D, Costantino P. Outcomes in the management of skull base malignancies-Controversies in Sellar and Skull base Surgery: Indications, Outcomes, and Cost. CNS Annual Meeting, San Antonio, TX, Sep 2000.
21. Sen C, Triana A, Hiltzik D, Costantino P. Neurosurgical impact in the management of malignant tumors involving the lateral skull base: review of forty nine cases. North American Skull Base Society. Buena Vista, FL. March 2-4, 2001.
22. Abstract: The Temporoparietal Fascial Flap in Cranial Base Neurosurgery. North American Skull Base Society, Buena Vista, FL March 3-6 2001.
23. Abstract: Minimally Invasive Non- Endoscopic Browlift for Unilateral Facial Paralysis. American Academy for Facial Plastic and Reconstructive Surgeons. Palm Desert, CA May 11 – 13, 2001.
24. Abstract: Craniovertebral Junction Chordomas: Lessons Learned in Their Surgical Management. North American Skull Base Society, Toronto, Canada April 7-10, 2005

ABSTRACT, POSTER AND VIDEO PRESENTATIONS (continued):

25. Abstract: The Laparoscopically Harvested Omental Free Flap for Skull Base Reconstruction: North American Skull Base Society, Phoenix, Arizona February 16-19, 2006
26. Abstract: North American Skull Base Society, Vancouver, BC, Canada September 11-14, 2008
Endoscopic CT – Guided Nasopharyngectomy for Recurrent Nasopharyngeal Carcinoma

INVITED LECTURES:

1. Mandibular regeneration by distraction osteogenesis: Experimental and clinical applications. Otolaryngology Grand Rounds. Section of Otolaryngology, Department of Surgery, Yale University School of Medicine, New Haven, Connecticut, May 21, 1990.
2. The use of experimental hydroxyapatite preparations for osseous replacement. Weekly Lecture Seminar. Department of Chemistry, The University of Texas, Austin, Texas, March 16, 1991.
3. Guest Faculty: First Annual Masters of Otolaryngology Continuing Education Course Department of Otolaryngology-Head and Neck Surgery, The University of Pittsburgh School of Medicine, Snowmass, Colorado, March 15-22, 1992.
4. Guest Faculty: Rigid Craniomaxillofacial Plating and Reconstruction Course. Section of Otolaryngology, Department of Surgery, Yale University School of Medicine, New Haven, Connecticut, May 18-22, 1992.
5. Experimental tracheal replacement with a revascularized jejunal autograft and implantable dacron mesh tube. 1992 Plastic Surgery Education and Research Foundation - D. Ralph Millard Investigator Scholarship Award. Annual Meeting of the American Society of Plastic and Reconstructive Surgeons, Washington, D.C., September 23, 1992.
6. Guest Faculty: Second Annual Masters of Otolaryngology Continuing Education Course. Department of Otolaryngology-Head and Neck Surgery, The University of Pittsburgh School of Medicine, Steamboat Springs, Colorado, March 14-19, 1993.
7. Biomaterials in facial plastic and reconstructive surgery. Otolaryngology Grand Rounds. Department of Otolaryngology-Head and Neck Surgery, Portsmouth Naval Medical Center, Portsmouth, Virginia, May 21, 1993.
8. Biomaterials in facial plastic and reconstructive surgery. Plastic Surgery Grand Rounds. Department of Plastic Surgery, University of Texas Southwestern Medical School, Dallas, Texas, December 15, 1993.
9. Course Faculty: Head and Neck Reconstruction Course. Department of Otolaryngology-Head and Neck Surgery, The Mount Sinai School of Medicine, New York, 1994.
10. Guest Faculty: Laryngology and Skull Base Surgery Course. Department of Otolaryngology-Head and Neck Surgery, The University of Texas Health Science Center at San Antonio, San Antonio, Texas, February 15, 1994.

INVITED LECTURES (continued):

11. Biomaterials in facial plastic and reconstructive surgery. Otolaryngology Grand Rounds. Department of Otolaryngology-Head and Neck Surgery, University of Southern California School of Medicine, Los Angeles, California, February 25, 1994.
12. Guest Faculty: Third Annual Masters of Otolaryngology Continuing Education Course. Department of Otolaryngology-Head and Neck Surgery, The University of Pittsburgh School of Medicine, Breckenridge, Colorado, March 19-25, 1994.
13. Guest Faculty: 1994 Combined Annual Scientific Program. British Columbia Society of Otolaryngology, Northwest Academy of Otolaryngology, Oregon Academy of Otolaryngology, and Madigan Army Medical Center.
14. Surgical approaches to the skull base for paranasal sinus tumors. Otolaryngology Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, The Mount Sinai School of Medicine, New York, New York, August 3, 1994.
15. Biomaterials in facial plastic and reconstructive surgery. Otolaryngology Grand Rounds. Department of Otolaryngology-Head and Neck Surgery, The Mount Sinai School of Medicine, New York, New York, August 3, 1994.
16. Biomaterials in facial plastic and reconstructive surgery. Otolaryngology Grand Rounds. Department of Otolaryngology-Head and Neck Surgery, Memorial Sloan-Kettering Cancer Center, New York, New York, August 4, 1994.
17. Guest Speaker: Hydroxyapatite cement for cranial defect reconstruction
American Society of Maxillofacial Surgeons Symposium on Implantable Materials in Aesthetic and Reconstructive Facial Surgery, Cleveland, Ohio, October 6, 1995.
18. Guest Speaker: 19th Annual Meeting of the Eastern Great Lakes Oncology Association, Toronto, Canada, November 4, 1995.
19. Course Faculty: Head and Neck Reconstruction Course. Department of Otolaryngology-Head and Neck Surgery, The Mount Sinai School of Medicine, New York, New York, 1995.
20. Guest Speaker: First Annual Mandibular Distraction Osteogenesis Conference. Wilford Hall USAF Medical Center, August 19, 1995.
21. Guest Speaker: Craniofacial reconstruction following radical neurosurgical procedures. Chicago Institute for Neurosurgery and Neuro-research, Chicago, Illinois, October 21, 1995.
22. Course Faculty: AO/ASIF Advanced Symposium on Craniomaxillofacial Reconstruction, Vail, Colorado, January 20-23, 1996.
23. Course Faculty: Head and Neck Reconstruction Course. Department of Otolaryngology-Head and Neck Surgery, The Mount Sinai School of Medicine, New York, New York, March 1996.

INVITED LECTURES (continued):

24. Guest Faculty: First Annual International Conference on Craniofacial Distraction Osteogenesis, San Antonio, Texas, April 1996.
25. Invited Professor: “Mediastinal Dissection: When, Why and How?” XLVI Congreso Nacional de la Sociedad Mexicana de Otorrinolaringología y Cirugía de Cabeza y Cuello, Monterrey, Mexico, May 1-5, 1996.
26. Invited Professor: “Skull Base Reconstruction”. XLVI Congreso Nacional de la Sociedad Mexicana de Otorrinolaringología y Cirugía de Cabeza y Cuello, Monterrey, Mexico, May 1-5, 1996.
27. Invited Professor: “New Horizons in Facial Reconstructive Surgery”. XLVI Congreso Nacional de la Sociedad Mexicana de Otorrinolaringología y Cirugía de Cabeza y Cuello, Monterrey, Mexico, May 1-5, 1996.
28. Invited Faculty: “Bone Grafts and Bone Graft Substitutes”. 2nd International Symposium on the Comprehensive Management of Craniofacial Asymmetries, Aarhus, Denmark, May 22-25, 1996.
29. Invited Faculty: “Bifocal Distraction Osteogenesis: Experimental and Clinical Results and Indications”. 2nd International Symposium on the Comprehensive Management of Craniofacial Asymmetries, Aarhus, Denmark, May 22-25, 1996.
30. Guest Faculty: Comprehensive Microsurgery Course, Spanish Academy of Oral and Maxillofacial Surgeons, Tenerife, Spain, December 1-7, 1996.
31. Guest Lecturer: “Bone Grafts and Synthetic Bone Graft Replacement Materials”. Departments of Plastic Surgery and Otolaryngology, New York University, January 1997.
32. Invited Faculty: “Bifocal Distraction Osteogenesis: Experimental and Clinical Results”. AO/ASIF Advanced Symposium on Craniomaxillofacial Reconstruction, Sun Valley, Idaho, February 2-4, 1997.
33. Invited Faculty: “Biomaterials in Craniofacial Skeletal Reconstruction”. AO/ASIF Advanced Symposium on Craniomaxillofacial Reconstruction, Sun Valley, Idaho, February 2-4, 1997.
34. Invited Faculty: Panel Member - “Skull Base Reconstruction”. AO/ASIF Advanced Symposium on Craniomaxillofacial Reconstruction, Sun Valley, Idaho, February 2-4, 1997.
35. Guest Lecturer: “Biology and Use of Flaps in Head and Neck Surgery”. Maxwell Abramson Otolaryngology Basic Science Course, New York Academy of Medicine, February 11, 1997.
36. Course Faculty: “Considerations in Secondary Mandible Reconstruction”. Reconstructive and Plastic Surgery of the Head and Neck. Sponsored by the Educational and Research Foundation of the American Academy of Facial Plastic and Reconstructive Surgery and co-sponsored by the University of Southern California, Department of Otolaryngology-Head and Neck Surgery, Pasadena, California, February 20-23, 1997.

INVITED LECTURES (continued):

37. Course Faculty: "Tracheal Reconstruction". Reconstructive and Plastic Surgery of the Head and Neck. Sponsors. by the Educational and Research Foundation of the Am, Acad. of Facial Plastic and Reconstructive Surgery and co-sponsored by the University of Southern California, Department of Otolaryngology-Head and Neck Surgery, Pasadena, California, February 20-23, 1997.
38. Course Faculty: "The Use of Hydroxyapatite Cement for Cranial Defect Reconstruction". Reconstructive and Plastic Surgery of the Head and Neck. Sponsored by the Educational and Research Foundation of the American Academy of Facial Plastic and Reconstructive Surgery and co-sponsored by the University of Southern California, Department of Otolaryngology-Head and Neck Surgery, Pasadena, California, February 20-23, 1997.
39. Guest Faculty: "Microsurgical Technique and Methods of Anastomosis". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
40. Guest Faculty: "Donor Site Selection". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
41. Guest Faculty: "Recipient Vessel Selection and Pedicle Geometry". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
42. Guest Faculty: "Free Flap Monitoring, Complication Avoidance and Management". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
43. Guest Faculty: Soft Tissue Flaps: Radial Forearm, Rectus Abdominus, Latissimus Dorsi, Lateral Arm, Gastro-omental and Jejunal". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
44. Guest Faculty: "Systematic Approach to Oral Cavity Reconstruction". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
45. Guest Faculty: "Soft Tissue Free Flaps in Head and Neck Reconstruction". XIV Congress Nacional de la Sociedad Espanola de Cirgia Oral y Maxillofacial, Marbella, Spain, June 8, 1997.
46. Guest Faculty: "General Considerations in Mandible Reconstruction". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
47. Guest Faculty: "Osseous Free Flaps: Fibula, Iliac Crest, Scapula". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
48. Guest Faculty: "Overview of Plating Systems and Plate Selection". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
49. Guest Faculty: "Donor Site Selection and Flap Orientation". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.

INVITED LECTURES (continued):

50. Guest Faculty: "The Use of Osseointegrated Implants with Osseous Free Tissue Transfers". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
51. Guest Faculty: "Microneural Anastomosis". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
52. Guest Faculty: "Skull Base Defect Reconstruction". XIV Congress Nacional de la Sociedad Espanol de Cirgia Oral y Maxillofacial, Marbella, Spain, June 9, 1997.
53. Guest Lecturer: Symposium on Bone Graft Substitutes, Sponsored by Howmedica-Leibinger, Paris, France, June 17, 1997.
54. Guest Lecturer: Grand Rounds Presentation: "Cranial Defect Reconstruction". Department of Otolaryngology, Johns Hopkins School of Medicine, Baltimore, Maryland, July 7, 1997.
55. Guest Lecturer: Grand Rounds Presentation: "Midface and Periorbital Reconstruction". Department of Otolaryngology, Johns Hopkins School of Medicine, Baltimore, Maryland, July 7, 1997.
56. Attending Faculty: "Cranial Defect Reconstruction: Materials, Methods, and Outcomes". Symposium on Techniques in Craniomaxillofacial Reconstruction. Sponsored by the Plastic Surgery Service, Baylor College of Medicine and The Methodist Hospital, Houston, Texas, August 1, 1997.
57. Attending Faculty: "The Use of Acellular Dermis for Soft Tissue Augmentation in the Head and Neck". Symposium on Techniques in Craniomaxillofacial Reconstruction. Sponsored by the Plastic Surgery Service, Baylor College of Medicine and The Methodist Hospital, Houston, Texas, August 1, 1997.
58. Attending Faculty: "Bifocal Distraction Osteogenesis: Indications and Technique". Symposium on Techniques in Craniomaxillofacial Reconstruction. Sponsored by the Plastic Surgery Service, Baylor College of Medicine and The Methodist Hospital, Houston, Texas, August 1, 1997.
59. Moderator: Panel Discussion on "Challenging Reconstruction Problems in the Head and Neck". Symposium on Techniques in Craniomaxillofacial Reconstruction. Sponsored by the Plastic Surgery Service, Baylor College of Medicine and The Methodist Hospital, Houston, Texas, August 1, 1997.
60. Faculty: Third Annual Combined Otolaryngology Alumni Symposium and Joseph Goldman Lecture. *Lecture*: "Current Techniques in Head and Neck Reconstruction". Moderator: Panel Discussion on Head and Neck Cancer with Case Presentations, New York, New York, November 14, 1997.
61. Guest Lecturer: Grand Rounds Presentation: "Microvascular Head and Neck Reconstruction". Department of Otolaryngology, University of Medicine and Dentistry of New Jersey Medical School, October 1, 1997.

INVITED LECTURES (continued):

62. Visiting Professor: *Lecture*: “Tissue Engineering - New Horizons in Facial Plastic and Reconstructive Surgery”. Department of Surgery, Division of Otolaryngology-Head and Neck Surgery, Albany Medical College, Albany, New York, October 9, 1997.
63. Guest Lecturer: “Midface and Palato-Maxillary Reconstruction”. The Albany Society of Otolaryngology-Head and Neck Surgery, Albany, New York, October 9, 1997.
64. Guest Faculty: *Lecture*: The Use of AlloDerm in Facial Plastic and Reconstructive Surgery. Philadelphia Society of Facial Plastic Surgeons, Philadelphia, PA, November 11, 1997.
65. Guest Lecturer: “Cranial Defect Reconstruction with Hydroxyapatite Cement”. Department of Neurosurgery, Long Island Jewish Medical Center, November 19, 1997.
66. Guest Lecturer: “Mediastinal Dissection for Head and Neck Tumors”. First World Congress on Head and Neck Oncology, Madrid, Spain, January 12, 1998.
67. Guest Lecturer: “Reconstructive Surgery Soft Tissue Defects: Scapular Flaps and Muscle Abdominal Rectus Flap”. First World Congress on Head and Neck Oncology, Madrid, Spain, December 1998.
68. Guest Lecturer: “Instructional Course: Midface and Periorbital Reconstruction following the Treatment of Head and Neck Cancer”. First World Congress on Head and Neck Oncology, Madrid, Spain, December 1998.
69. Guest Faculty: “Midface and Orbital Reconstruction”. New Jersey Academy of Otolaryngology-Head and Neck Surgery and The Academy of Medicine of New Jersey Fifteenth Annual Symposium, Holmdel, New Jersey, March 25, 1998.
70. Guest Faculty: “Biomaterials for Soft Tissue and Bone Replacement including AlloDerm, Hydroxyapatite and Other New Substances”. New Jersey Academy of Otolaryngology-Head and Neck Surgery and The Academy of Medicine of New Jersey Fifteenth Annual Symposium, Holmdel, New Jersey, March 25, 1998.
71. Guest Faculty: “Bone Regeneration with Distraction Osteogenesis”. New Jersey Academy of Otolaryngology-Head and Neck Surgery and The Academy of Medicine of New Jersey Fifteenth Annual Symposium, Holmdel, New Jersey, March 25, 1998.
72. Guest Faculty: “Bone Substitutes: Science and Clinical Applications”. Course on Emerging Technologies in Plastic Surgery: Innovations in Endoscopy, Lasers, Liposuction, and Tissue Replacements. The New York University Postgraduate School and the Center for Minimally Invasive Plastic Surgery, Institute of Reconstructive Plastic Surgery, New York, New York, April 17-18, 1998.
73. Guest Faculty: “Augmentation of the Facial Bones with BoneSource”. The American College of Oral and Maxillofacial Surgeons, Inc., 19th Annual Conference, Cleveland, Ohio, April 30-May 3, 1998.

INVITED LECTURES (continued):

74. Guest Speaker: Panel – “Trauma to the Facial Skeleton”. University of Pittsburgh Alumni Day 1998, Pittsburgh, Pennsylvania, May 1-2, 1998.
75. Guest Faculty: “Alloplasts and Allografts for Cranial and Maxillofacial Reconstruction (including BoneSource and AlloDerm).” Recent Advances in Facial Plastic and Reconstructive Surgery, UCLA, Department of Otolaryngology-HNS, Los Angeles, CA, August 22, 1998.
76. Visiting Professor: Palato-maxillary Defect Reconstruction. Tufts-New England Medical Center, Boston, Massachusetts, October 7, 1998.
77. Grand Rounds: Biomaterials in Facial Plastic and Reconstructive Surgery. Tufts-New England Medical Center, Boston, Massachusetts, October 7, 1998.
78. Grand Rounds: Biomaterials for Soft Tissue Augmentation and Replacement in the Head and Neck. Boston, Massachusetts, October 8, 1998. Massachusetts Eye and Ear Infirmary, Harvard University School of Medicine.
79. Guest Lecturer: “Tissue Engineering: New Horizons in Facial Plastic Surgery.” St. Vincent Hospital, Worcester, Massachusetts, November 16, 1998.
80. Guest Lecturer: “Mediastinal Dissection for Head and Neck Tumors”. 1st World Congress on Head and Neck Oncology, Madrid, Spain, November 29, 1998.
81. Guest Lecturer: “Post-Oncologic Craniofacial Reconstruction”. First World Congress On Head and Neck Oncology, Madrid, Spain, November 30, 1998.
82. Guest Lecturer: “Reconstructive Surgery, Soft Tissue Defects”. First World Congress on Head and Neck Oncology, Madrid, Spain, November 30, 1998.
83. Guest Lecturer: “Orbital and Periorbital Tumors”. First World Congress on Head and Neck Oncology, Madrid, Spain, November 30, 1998.
84. Guest Lecturer: “Synthetic Bone Graft Substitutes for Craniofacial Reconstruction”. Department of Maxillofacial Surgery, University of Freiberg Schools of Medicine and Dentistry. Freiberg, Germany, December 5, 1998
85. Guest Lecturer: “High Altitude/Masters in Otolaryngology.” Continuing Medical Education Activity Sponsored by the University of Pittsburgh Center for Continuing Education in the Health Sciences, The Shadow Ridge Hotel, Park City, Utah, March 8-12, 1999.
86. Guest Lecturer: “Cosmetic Facial Plastic Surgery: Is it Right for You?” The Gastro-Intestinal and Surgical Specialties Care Center at Mount Sinai Medical Center, New York, New York, May 5, 1999.

INVITED LECTURES (continued):

87. Guest Lecturer: "Soft Tissue Rehabilitation and Reconstruction of the Head and Neck". Department of Surgery, Head and Neck Surgery and Craniofacial Tissue Engineering Program. Update on Head and Neck Oncology and Craniofacial Rehabilitation, Fox Chase Cancer Center, Philadelphia, Pennsylvania, May 7-8, 1999.
88. Guest Lecturer: "Future Frontiers in Head and Neck Reconstruction". George C. and Robert A. Schein Memorial Otolaryngology Alumni Day, University of Pittsburgh School of Medicine-Department of Otolaryngology, Pittsburgh, Pennsylvania, May 14-15, 1999.
89. Guest Lecturer: "Free Flaps, Microvascular Flaps". AO/ASIF Distraction Osteogenesis Course, Louisville, Kentucky, May 22-23, 1999.
90. Guest Moderator: Contributed Papers/Oral Presentations North American Skull Base Society-"A 10th Year Reflection" Chicago, Illinois, May 28-31, 1999.
91. Guest Lecturer: "Self-setting Calcium Phosphate Cements." Portland Bone Symposium, Portland, Oregon, August 4-7, 1999.
92. Guest Lecturer: "Experimental and Clinical Experience with Acellular Dermis for Soft Tissue Augmentation". The American Academy of Phalloplasty Surgeons" New York City Athletic Club, New York, NY, October 22, 1999.
93. Guest Speaker: "Contemporary Management of Paranasal Sinus and Skull Base Tumors ." Westchester Oncology Associates-Topics in Oncology Meeting. Westchester, NY, October 28, 1999.
94. Guest Lecturer: "New Horizons in Facial Plastic and Reconstructive Surgery." Otolaryngology Grand Rounds, Georgetown University Medical College, Washington, DC, November 11, 1999.
95. Guest Lecturer: "Endoscopic Facial Plastic Surgery." Advances in Medical and Surgical Dermatology for the New Millenium. Mount Sinai School of Medicine, New York, NY, December 10-12, 1999.
96. Guest Lecturer: "Use of Allograft in Head and Neck Reconstruction" Otolaryngology Grand Rounds, Long Island College Hospital, Brooklyn, NY, January 27, 2000.
97. Guest Lecturer: "CSF Leaks: Comprehensive Diagnosis and Management" Division of Otolaryngology Grand Rounds, New Jersey Medical School, Newark , NJ, April 12, 2000.
98. Guest Lecturer: "Diagnosis and Management of Cerebrospinal Fluid Fistula" Grand Rounds New York Medical College, Valhalla, NY, October 5, 2000.
99. Guest Lecturer: "Soft Tissue Augmentation and replacement" Grand Rounds, Univ. of Texas Health Science Center at San Antonio, San Antonio, TX, October 10, 2000.

INVITED LECTURES (continued):

100. Guest Lecturer: “New Horizons in Facial Plastic and Reconstructive Surgery” Grand Rounds, Syracuse University School of Medicine, Syracuse, NY, November 8, 2000.
101. Guest Lecturer. “The Use of Hydroxyapatite Cement in Cranial Reconstruction,” Guest Lecturer, North American Skull Base Society Meeting, Buena Vista, FL, March 4, 2001.
102. Panel Member. “The Place of Microsurgery in Skull Base Reconstruction,” North American Skull Base Society Meeting, Buena Vista, FL, March 4, 2001.
103. Guest Lecturer. “Paranasal Sinus Fractures,” 46th Annual Comprehensive Sinus Surgery Course, Mount Sinai School of Medicine, March 13, 2001.
104. Guest Lecturer. “Craniofacial Resection/Cranioplasty,” 46th Annual Comprehensive Sinus Surgery Course, Mount Sinai School of Medicine, March 13, 2001.
105. Guest lecturer. “Post-oncologic orbito-maxillary reconstruction,” 3rd International Interdisciplinary Congress on Skull Base and Craniofacial Surgery, Interlaken, Switzerland, March 14, 2001.
106. Guest lecture. “Vascularized flap selection in cranial base surgery,” 3rd International Interdisciplinary Congress on Skull Base and Craniofacial Surgery, Interlaken, Switzerland, March 15, 2001.
107. Guest lecture. “Biomaterials in cranial base surgery,” 3rd International Interdisciplinary Congress on Skull Base and Craniofacial Surgery, Interlaken, Switzerland, March 16, 2001.
108. Guest lecture. “Facial paralysis rehabilitation after cranial base surgery,” 3rd International Interdisciplinary Congress on Skull Base and Craniofacial Surgery, Interlaken, Switzerland, March 16, 2001.
109. Visiting Professor: “Contemporary Cranial Base Surgery” Annual combined Louisiana State University/Tulane University School of Medicine Lectureship in Otolaryngology. March 30, 2001
110. Visiting Professor: “Biomaterials in Facial Plastic and Reconstructive Surgery” Department of Otolaryngology-Head & Neck Surgery, University of Michigan, Ann Arbor, Michigan, April 16, 2001.
111. Guest Lecturer: “Biomaterials in Facial Plastic and Reconstructive Surgery” Department of Otolaryngology-Head & Neck Surgery, The Cleveland Clinic Foundation, Cleveland, Ohio, April 21, 2001.
112. Visiting Professor: “Injectable Filler Materials in Facial Plastic Surgery” Department of Dermatology, Mount Sinai School of Medicine, New York, New York, April 29, 2001.
113. Visiting Professor: “Cranial Base Reconstructive Surgery” Alumni Day: Advances in Cranial Base Surgery. Department of Otolaryngology-Head & Neck Surgery, University of Pittsburgh School of Medicine, May 02, 2001

INVITED LECTURES (continued):

114. Guest Panelist: “Skull Base Surgery”, New York University School of Medicine Annual Alumni Day, June 01, 2001.
115. Visiting Professor: “Contemporary Cranial Base Surgery for Paranasal Sinus Malignancies” Head and Neck Service Clinical Conference, Memorial Sloane-Kettering Cancer Center, New York, New York, October 11, 2001
116. Guest Lecturer: “Craniofacial Resection/Cranioplasty,” 47th Annual Comprehensive Sinus Surgery Course, Mount Sinai School of Medicine, March 27, 2002.
117. Guest Lecturer: “Current Concepts and Recommendations in Craniomaxillofacial Reconstruction,” Challenges and Advances in Craniomaxillofacial Trauma & Reconstruction, Chicago, Illinois, May 18, 2002.
118. Guest Lecturer: “Contemporary Head and Neck Surgery” Head and Neck Conference, Morristown Hospital, NJ, May 29, 2002.
119. Guest Lecturer: “What You Need to Know and How You Can Be Helped” Monthly Lecture Series, St. Luke’s-Roosevelt Hospital, New York, June 4, 2002.
120. Guest Lecturer: “Biomaterials and ENT” Grand Rounds at Columbia Presbyterian Hospital, New York, August 15, 2002.
121. Guest Lecturer: “Evaluation Management and Rehabilitation of Facial Paralysis” Grand Rounds at The New York Eye & Ear Infirmary, New York, November 7, 2002.
122. Guest Lecturer: “Cerebral Spinal Fluid Leak” Grand Rounds at New Jersey Medical School, Hackensack, New Jersey, January 2003.
123. Guest Lecturer: “CSF Leak” at the University of Medicine and Dentistry of New Jersey, Newark, New Jersey. January 2003.
124. Guest Lecturer: “Neurosurgical Principles for the Otolaryngologist (including management of the lumbar drain)” at the 16th annual American Academy of Otolaryngology- Head and Neck Surgery Foundation Cherry Blossom Conference. Washington, DC, March 2003.
125. Guest Lecturer: “Cerebral Spinal Fluid Leaks: Comprehensive Diagnosis and Management” at the American Academy of Otolaryngology- Head and Neck Surgery Foundation Annual Meeting, Orlando, Florida, September 2003.
126. Guest Lecturer: “Cranial Base Surgery Capabilities and Limitations” Grand Rounds at Montefiore Medical Center, Bronx, New York, December 2003.
127. Guest Lecturer: “Reconstruction of The Cranial Base” at the 2004 North American Skull Base Society meeting, New Orleans, Louisiana, February 2004.

INVITED LECTURES (continued):

128. Guest Lecturer: “Diagnosis and Management of CSF Leak” at The Long Island Society Meeting, September 2004.
129. Guest Lecturer: “Contemporary Cranial Base Surgery and Capabilities” Grand Rounds at UNC Hospital, Raleigh-Durham, North Carolina, October 2004
130. Guest Lecturer: “Contemporary Cranial Base Surgery” Grand Rounds at New York Presbyterian Hospital, New York, New York, November 2004
131. Guest Lecturer: “Skull Base Surgery: Grand Rounds at UMDNJ, Newark, New Jersey, November 2004
132. Moderator: Scientific Committee Panel on “Complications in Skull Base Surgery” 16th Annual North American Skull Base Society Meeting, Toronto, Canada, April 9, 2005
133. Guest Lecturer: “Endoscopic Exploration of the Sella for Improved Pituitary Tumor Removal” Department of Endocrinology Grand Rounds at St. Luke’s Hospital, New York, New York, June 22, 2005
134. Co-Chair Moderator: “Major Reconstruction of the Face” American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting, Toronto, Canada, September 15, 2006
135. Moderator: Scientific Committee Panel on “Cranial Base Reconstruction” 18th Annual North American Skull Base Society Meeting, Chicago, Illinois, May 27, 2007
136. Guest Lecturer: “Open vs. Endonasal Cranial Base Surgery. Which one, When and Why” Grand Rounds at Weill Cornell Medical College, New York, New York, October 18, 2007
137. Guest Lecturer: “Open vs. Endonasal Cranial Base Surgery. Which one, When and Why” Grand Rounds at New York University Medical Center, New York, New York, February 10, 2008
138. Guest Lecturer: “Open vs. Endonasal Cranial Base Surgery. Which one, When and Why” Grand Rounds at University of North Carolina, Chapel Hill, North Carolina, March 25, 2008
139. Guest Lecturer: “Management and Rehabilitation of Facial Paralysis” Grand Rounds at University of North Carolina, Chapel Hill, North Carolina, March 26, 2008
140. Guest Lecturer: “Open vs. Endoscopic Cranial Base Surgery: When, Why and How” Grand Rounds at Westchester Medical College, White Plains, New York, September 8, 2008
141. Guest Lecturer: “Endoscopic Treatment of Naso-Pharyngeal Cancer” Grand Rounds at New York Head and Neck Institute, New York, New York, October 15, 2008
142. Guest Lecturer: “Endoscopic Treatment of Naso-Pharyngeal Cancer” The New York Head and Neck Society Meeting, New York, New York October 15, 2008

INVITED LECTURES (continued):

143. Guest Lecturer: “Endoscopic Treatment of Naso-Pharyngeal Cancer” 2nd Otolaryngology Update Course in New York City, New York October 16, 2008
144. Guest Lecturer: “Reconstructive Surgery after Resection of Complex Tumors of the Skull Base” 5th Annual Issues in Neurology & Neurosurgery: A Review Course for The Non-Surgeon in Roosevelt Hospital, New York, New York December 5, 2008

NATIONAL AND INTERNATIONAL PRESENTATIONS :

1. The use of Isobutyl-2-cyanoacrylate in the prevention of carotid artery rupture (Primary Author). Midwest Triological Meeting, Cincinnati, Ohio, January 1987.
2. Ectopic meningioma in a patient with neurofibromatosis II (Co-author). North American Radiologic Society Meeting, Chicago, Illinois, November 1987.
3. Endoscopic infratemporal fossa biopsy for diagnosis of cancer of the cranial base (Primary author). International Symposium on Cranial Base Surgery, Pittsburgh, Pennsylvania, September 1988.
4. Primary extracranial meningiomas of the head and neck (Co-author). 92nd Annual Meeting of the American Laryngological, Rhinological, and Otological Society, San Francisco, California, April 1989.
5. The reconstruction of segmental mandibular defects by distraction osteogenesis: An experimental study (Primary author). First Annual Meeting of the North American Society for the Study and Advancement of the Methods of Ilizarov, Baltimore, Maryland, June 1989.
6. Hydroxyapatite in maxillofacial reconstruction: Types, properties and uses (Primary author). Fifth International Symposium on Plastic and Reconstructive Surgery of the Head and Neck, Toronto, Canada, June 1989.
7. The use of a new hydroxyapatite cement in craniofacial reconstruction in cats: Part I - chemistry, properties and histologic responses (Primary author). Fifth International Symposium on Plastic and Reconstructive Surgery of the Head and Neck, Toronto, Canada, June 1989.
8. The use of a new hydroxyapatite cement in craniofacial reconstruction in cats: Part II -frontal sinus obliteration and reconstruction (Co-author). Fifth International Symposium of Plastic and Reconstructive Surgery of the Head and Neck, Toronto, Canada, June 1989.
9. The use of a new hydroxyapatite cement in craniofacial reconstruction in cats: Part III-bilateral parietal cranioplasty (Primary author). Fifth International Symposium on Plastic and Reconstructive Surgery of the Head and Neck, Toronto, Canada, June 1989.

NATIONAL AND INTERNATIONAL PRESENTATIONS (continued):

10. The use of hydroxyapatite cement in facial skeletal augmentation: An experimental study (Primary author). Annual Meeting of the American Society of Facial Plastic and Reconstructive Surgery, San Diego, California, September 1990.
11. Self-setting calcium phosphate cements (Co-author). Annual Meeting of the Materials Research Society, Newport Beach, California, November 1990.
12. Approaches to the cranial base: Three-dimensional computed comparison and analysis (Primary author). Annual Meeting of the North American Skull Base Society, Orlando, Florida, February 1991.
13. Tetracalcium phosphate cement in cranio-maxillofacial reconstruction (Co-author). International Association for Dental Research: Oral and Maxillofacial Section, Acapulco, Mexico, April 1991.
14. Tracheal replacement with a jejunal microvascular graft and dacron-urethane prosthesis: Preliminary results (Primary author). First Annual International Symposium on Laryngotracheal Reconstruction, Cleveland, Ohio, August 1991.
15. The use of the pectoralis myofascial flap in oro-pharyngeal reconstruction (Co-author). Annual Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, Kansas City, Missouri, September 1991.
16. Mandibular regrowth by distraction osteogenesis: Long-term results (Primary author). Surgical Forum of the 91st Annual Clinical Congress of the American College of Surgeons, Chicago, Illinois, October 1991.
17. Experimental tracheal replacement using a revascularized jejunal autograft and implantable Dacron mesh tube (Primary author). American Laryngological Society Annual Meeting, Palm Desert, California, April 1992.
18. Transmastoid CSF leak repair with hydroxyapatite cement in a chinchilla model (Co-Author). American Neuro-otology Society, Palm Desert, California, April 1992.
19. Experimental and clinical cranial reconstruction with hydroxyapatite cement: Preliminary results (Primary author). First International Skull Base Surgery Congress, Hanover, Germany, June 1992.
20. Pre-operative planning of mandible reconstruction for cancer surgery (Co-author). Annual Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, Washington, D.C. September 1992.
21. Transnasal repair of cerebrospinal fluid fistula using hydroxyapatite cement (Primary author). North American Skull Base Society Meeting, Scottsdale, Arizona, February 1993.
22. High performance calcium phosphate bioceramics: New synthetic precursors for living bone (Co-author). Annual Meeting of the Materials Research Society, San Francisco, California, April 1993.

INVITED LECTURES (continued):

23. The use of titanium reconstruction plates for skeletal fixation following cranial surgery (Primary author). 1994 Joint Annual Meeting of the German and North American Skull Base Societies, Orlando, Florida, February 1994.
24. The use of bifocal distraction osteogenesis to regrow bone within a human segmental mandible defect (Primary author). 1994 Annual Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, Palm Beach, Florida, May 1994.
25. Scientific Presentation: Functional three-dimensional maxillary reconstruction with the bipediced scapula flap (Primary author). The Society of Head and Neck Surgeons and The American Society for Head and Neck Surgery, Fourth International Conference on Head and Neck Cancer, Toronto, Canada, July 28-August 2, 1996.
26. Scientific Session: The pedicled temporo-parietal fascial flap for complex midface, September 5, 1997 (Primary author). American Academy of Facial Plastic and Reconstructive Surgery, San Francisco, California, September 4-6, 1997.
27. Scientific Session: Panel: Aesthetic considerations in oncologic surgery, September 5, 1997. American Academy of Facial Plastic and Reconstructive Surgery 1997 Fall Meeting, San Francisco, California, September 4-6, 1997.
28. Scientific Session: The treatment of CSF leaks with hydroxyapatite cement (Co-author), September 10, 1997. American Academy of Otolaryngology-Head and Neck Surgery 1997 Fall Meeting, San Francisco, California, September 7-10, 1997.
29. Scientific Session: Use of allograft dermal matrix for intra-oral resurfacing (Co-author), April 13-14, 1998. Materials Research Society Spring Meeting, San Francisco, California, April 13-17, 1998.
30. Minor salivary site (MSS) basal cell adenocarcinoma (BCA) and inverted papilloma in a diesel inspector (co-author). Presented at the American Academy of Oral and Maxillofacial Pathology Meeting, Dallas, Texas, May 4, 1998.
31. Scientific Session: The Use of Injectable Micronized Acellular Dermis for Vocal Cord Augmentation (co-author). Spring Meeting of the American Laryngological Society, Palm Springs, California, May 15, 2001.
32. Scientific Session: Minimally Invasive Brow Suspension for Facial Paralysis. Spring Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, Palm Springs, California, May 11, 2001.
33. Scientific Presentation: Facial Augmentation with Hydroxyapatite Cement (co-author). Fall Meeting of the American Academy for Facial Plastic and Reconstructive Surgery, Denver, Colorado, Sept. 7, 2001.

INVITED LECTURES (continued):

34. Scientific Presentation: Cosmetic and Reconstructive Soft Tissue Augmentation. Spring Meeting of the American Academy for Facial Plastic and Reconstructive Surgery, New York, New York, May 2, 2002.
35. 4th Annual Conference of the Skull Base Surgery Society of India. Evaluation and Management of Cranial nerve Palsies Following Skull Base Surgery. September 13, 2002.
36. 4th Annual Conference of the Skull Base Surgery Society of India. Reconstruction Flaps in Cranial Surgery. September 14, 2002.
37. 4th Annual Conference of the Skull Base Surgery Society of India. Orbital Reconstruction Following Skull Base Surgery. September 14, 2002
38. 4th Annual Conference of the Skull Base Surgery Society of India. Contemporary Cranial Base Surgery for Paranasal Sinus Tumors. Surgery September 14, 2002.
39. 16th Annual AAO-HNSF Cherry Blossom Conference. Neurosurgical Principles for the Otolaryngologist (including management of the lumbar drain). March 21, 2003

INTRAMURAL LECTURES: List provided upon request.

INSTRUCTIONAL COURSE PRESENTATIONS:

1. Biomaterials in Facial Plastic and Reconstructive Surgery (Primary instructor). 1993 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota.
2. Basic Course in Cranial Base Surgery (Primary instructor). 1993 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota.
3. Cerebrospinal Fluid Leaks: Comprehensive Diagnosis and Treatment Course (Co-instructor). 1993 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota.
4. Craniofacial Skeletal Augmentation and Replacement (Primary instructor). 1994 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, San Diego, California.
5. Cerebrospinal Fluid Leaks: Comprehensive Diagnosis and Management (Co-instructor). Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, San Diego, California. 1994
6. Synthetic Biomaterials in Facial Plastic and Reconstructive Surgery. 1995 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

7. Paratracheal and Mediastinal Node Dissection: When, Why, How? 1995 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana.
8. Cerebrospinal Fluid Leaks: Comprehensive Diagnosis and Management. 1995 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana.
9. Program Director: Laryngology and Otology Program. 1996 Midwest Clinical Conference of the Chicago Medical Society, Chicago, Illinois, January 19-21, 1996.
10. Cerebrospinal Fluid Leaks: Comprehensive Diagnosis and Management. 1996 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C.
11. Paratracheal and Mediastinal Lymph Node Disease, When, Why and How? 1996 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C.
12. Growth Factors in Wound Healing-An Overview. 1996 Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C.
13. Course Co-Director: "Implant Materials and Biomechanics". 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
14. Course Co-Director: "Midface, Orbital, and Cranial Plating Systems". 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
15. Course Co-Director: "BoneSource: Cement Composition, Clinical Applications, and Complication Avoidance". 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
16. Course Co-Director: "Avoidance of Wound Healing Complications". 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997
17. Course Co-Director: "Scalp Anatomy". 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

18. Course Co-Director: “Cranioplasty and Cranial Defect Reconstruction”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
19. Course Co-Director: “Reconstruction of Orbital and Periorbital Defects”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
20. Course Co-Director: “The Pericranial and Temporo-Parietal Fascial Flaps”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
21. Course Co-Director: “New Frontiers in Head and Neck Reconstruction”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
22. Course Co-Director: “The Microvascular Anastomotic Device (MAD) System”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
23. Course Co-Director: “Principles of Micro-Neural Anastomosis”. 9th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-16, 1997.
24. Masters Seminar - Mid-face and Peri-orbital Reconstruction, September 4, 1997. American Academy of Facial Plastic and Reconstructive Surgery 1997 Fall Meeting, San Francisco, California, September 4-6, 1997.
25. Wound Healing and Growth Factors (Co-instructor), September 7, 1997. American Academy of Otolaryngology-Head and Neck Surgery 1997 Fall Meeting, San Francisco, California, September 7-10, 1997.
26. Diagnosis and Management of CSF Leaks (Co-instructor), September 7, 1997. American Academy of Otolaryngology-Head and Neck Surgery, 1997 Fall Meeting, San Francisco California, September 7-10, 1997.
27. Course Co-Director: “Implant Materials and Biomechanics”. 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

28. Course Co-Director: "Midface, Orbital and Cranial Plating Systems". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
29. Course Co-Director: "Distraction Osteogenesis: Bone Transport". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
30. Course Co-Director: "BoneSource™: Cement Composition, Clinical Applications, and Complication Avoidance". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
31. Course Co-Director: "AlloDerm™: Acellular Dermis: Its Properties, Applications and Limitations". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
32. Course Co-Director: "Bone Grafts, Cranioplasty, and Cranial Defect". 10th Ann. Mt. Sinai Compr. Course on Head and Neck Reconstruction. Spons. by the Depart. of Otolaryn. and The Page & William Black Postgraduate School of the Mt Sinai Schl of Med., NY, NY , March 7-15, 1998.
33. Course Co-Director: "Avoidance of Wound Healing Complications". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
34. Course Co-Director: "Temporo-parietal Fascial Flap". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
35. Course Co-Director: "Aesthetic Considerations in Reconstruction of the Head and Neck Cancer Patient". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
36. Course Co-Director: "Reconstruction of Orbital and Periorbital Defects". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

37. Course Co-Director: "Reconstruction of Extensive Craniofacial Skull Base Defects". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
38. Course Co-Director: "New Frontiers in Head and Neck Reconstruction". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
39. Course Co-Director: "The 3M Microvascular Anastomotic Device (MAD)". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
40. Course Co-Director: "Principles of Micro Neural Anastomosis". 10th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 7-15, 1998.
41. Controversies in Mandibular Reconstruction (Co-instructor). Seventh International Symposium of Facial Plastic Surgery. Sponsored by the Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery, Orlando, Florida, June 16-20, 1998.
42. Growth Factors in Wound Healing: An Overview (Co-instructor). American Academy of Otolaryngology-Head and Neck Surgery 1998 Annual Meeting, San Antonio, Texas, September 13-16, 1998.
43. CSF Leaks: Comprehensive Diagnosis and Management (Co-instructor). American Academy of Otolaryngology-Head and Neck Surgery 1998 Annual Meeting, San Antonio, Texas, September 13-16, 1998.
44. Advanced Symposium on Craniomaxillofacial Reconstruction: Innovations, Advances and Controversies of Craniofacial Surgery, St. Petersburg, Florida, February 28-March 2, 1999.
45. CSF Leaks: Comprehensive Diagnosis and Management (Co-instructor). American Academy of Otolaryngology-Head and Neck Surgery 1999 Annual Meeting, New Orleans, Louisiana, September 26-29, 1999
46. Growth Factors in Wound Healing-An Overview. 1999 Annual Meeting of the American Academy of Otolaryngology Head and Neck Surgery, New Orleans, Louisiana. September 26-29, 1999
47. Background Concepts: "Implant Materials and Biomechanics". 11th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 6-14, 1999

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

48. "Hands-On" Laboratory Session: "Acellular Dermis in Head and Neck Reconstruction Properties, Applications and Limitations". 11th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 6-14, 1999
49. Cranio-Mandibular Plating and Bone Source™: "Mid-Face, Orbital and Cranial Plating Systems". 11th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 6-14, 1999
50. Bone Source™: "Cement Composition, Clinical Applications, and Complication Avoidance". 11th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 6-14, 1999
51. Distraction Osteogenesis: "Bone Transport". 11th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 6-14, 1999
52. Craniofacial Resection/Cranioplasty: 44th Annual Mount Sinai Comprehensive Sinus Surgery Course. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York March 15-19, 1999.
53. CSF Leaks: Comprehensive Diagnosis and Management (Co-instructor). American Academy of Otolaryngology-Head and Neck Surgery, 1999 Annual Meeting, New Orleans, Louisiana, September 26-29, 1999
54. Growth Factors in Wound Healing: An Overview (Co-instructor). American Academy of Otolaryngology-Head and Neck Surgery, 1999 Annual Meeting, New Orleans, Louisiana, September 26-29, 1999.
55. Craniofacial Resection/Cranioplasty: 44th Annual Mount Sinai Comprehensive Sinus Surgery Course. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York March 13-17, 2000.
56. CSF Leaks: Comprehensive Diagnosis and Management (Co-Instructor). American Academy of Otolaryngology-Head and Neck Surgery, 2000 Annual Meeting, Washington, DC, September 24-September 27, 2000.
57. Course Co-Director: "Implant Materials and Biomechanics". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

58. Course Co-Director: "Acellular Dermis in Head and Neck Reconstruction-Properties, Applications and Limitations". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
59. Course Co-Director: "Mid-Face, Orbital and Cranial Plating Systems." 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000
60. Course Co-Director: "Bone Source™-Cement Composition, Clinical Applications, and Complication Avoidance". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
61. Course Co-Director: "Distraction Osteogenesis: Bone Transport". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
62. Course Co-Director: "Latissimus Dorsi Flap". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
63. Course Co-Director: "Skull Base Defects: Etiology, Classification, and Significance". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000
64. Course Co-Director: "Complication Management and Avoidance". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
65. Course Co-Director: "Eyelid, Orbital, and Maxillary Superstructure Reconstruction". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.
66. Course Co-Director: "Microvascular Anastomotic Assistance Device". 12th Annual Mount Sinai Comprehensive Course on Head and Neck Reconstruction. Sponsored by the Department of Otolaryngology and The Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York, March 4-12, 2000.

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

67. Faculty Lecturer: “Craniofacial Resection/Cranioplasty”. 45th Annual Mount Sinai Comprehensive Sinus Surgery Course. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York March 13-17, 2000.
68. Faculty Lecturer: “Trauma and Nasal Reconstruction – Panel”. 45th Annual Goldman Seminar on Advanced Rhinoplasty. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York June 4-6, 2000.
69. Faculty Lecturer: “New Biomaterials for Facial Implants”. 45th Annual Goldman Seminar on Horizons in Facial Plastic Surgery. Sponsored by the Department of Otolaryngology and the Page & William Black Postgraduate School of the Mount Sinai School of Medicine, New York, New York June 7-9, 2000.
70. Co-Instructor: CSF Leaks: Comprehensive Diagnosis and Management . American Academy of Otolaryngology-Head and Neck Surgery, 1999 Annual Meeting, New Orleans, Louisiana, September, 2000
71. Co-Instructor: Growth Factors in Wound Healing: An Overview. American Academy of Otolaryngology-Head and Neck Surgery, Annual Meeting, New Orleans, Louisiana, September, 2000.
72. Course Director: The use of Acellular Dermis for Head & Neck Soft Tissue Replacement. New York Medical College, Valhalla, NY, October 5, 2000
73. Faculty Lecturer: “Head and Neck Reconstruction Microvascular Facial Reanimation”. Fall meeting of the Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery, Denver, CO, September 8, 2001.
74. Faculty Lecturer: “The Use of Microlized Alloderm for Cosmetic Soft Tissue Augmentation”. 4th Annual Mount Sinai Winter Symposium on Advances in Medical & Surgical Dermatology. Sponsored by the Mount Sinai School of Medicine, New York, New York December 7-9, 2001.
75. Faculty Lecturer: “New Frontiers in Facial Reconstruction”. Spring meeting of the Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery, New York, New York, May 4, 2002.
76. Faculty Lecturer: “Reconstructive Cranial Surgery – New Horizons” NeuroScience Symposium. Sponsored by St. Luke’s – Roosevelt Medical Center, New York, New York, December 6, 2002.
77. Faculty Lecturer: “Reconstructive Cranial Surgery – New Horizons” NeuroScience Symposium. Sponsored by St. Luke’s-Roosevelt Medical Center, New York, New York December 5, 2003.
78. “Hands On” Laboratory Session: Demonstration (Cadaveric) Pericranial and Muscle Flap. 15th Annual North American Skull Base Society Meeting, Practical Workshop New Orleans, Louisiana Feb. 11-13, 2004

INSTRUCTIONAL COURSE PRESENTATIONS (continued):

79. Faculty Lecturer: “Diagnosis and Management of CSF Leaks of Spine and Head” Neuroscience Symposium. Sponsored by St. Luke’s-Roosevelt Medical Center, New York, New York December 10, 2004.
80. Co-Instructor: “CSF Leaks: Comprehensive Diagnosis and Management” American Academy of Otolaryngology – Head and Neck Surgery Foundation 2005 Annual Meeting, Los Angeles, California
81. Co-Instructor: “CSF Leaks: Comprehensive Diagnosis and Management” American Academy of Otolaryngology – Head and Neck Surgery Foundation 2006 Annual Meeting, Toronto, Canada

POSTGRADUATE EDUCATIONAL COURSE CERTIFICATES:

Otolaryngology-Head and Neck Surgery Laser Workshop
 Sponsored by: Department of Otolaryngology-Head and Neck Surgery
 Northwestern University Medical School, Chicago, Illinois
 May 19-21, 1986

Advanced Telescopic Sinonasal Surgery and Allergy Course
 Sponsored by: Department of Otolaryngology-Head and Neck Surgery
 Northwestern University Medical School, Chicago, Illinois
 November 11-13, 1986

Telescopic Sinonasal Surgery Course
 Sponsored by: Department of Otolaryngology-Head and Neck Surgery
 Northwestern University Medical School, Chicago, Illinois
 August 1-2, 1987

AO/ASIF (Synthes) Maxillofacial Basic Course
 Sponsored by: Department of Otolaryngology-Head and Neck Surgery
 Northwestern University Medical School, Chicago, Illinois
 June 7-11, 1989

Foundation of Microsurgical Skills
 Sponsored by: Department of Surgery, Center for Microsurgical Studies
 University of Louisville School of Medicine, Louisville, Kentucky
 January 15-19, 1989

Surgical Technique Course: Transcutaneous Osseointegrated Implants.
 Sponsored by: Department of Otolaryngology and Department of Oral and
 Maxillofacial Surgery, Harvard University School of Medicine.
 July 14-15, 1996.

POSTGRADUATE EDUCATIONAL COURSE CERTIFICATES (continued):

Endoscopic Facial Plastic Surgery Workshop
Sponsored by the Educational and Research Foundation for the American
Academy of Facial Plastic and Reconstructive Surgery, San Francisco, California
September 3, 1997

4th Annual Alumni Symposium & Joseph Goldman Lecture
Sponsored by: The Page and William Black Post-Graduate School
The Mount Sinai School of Medicine
October 16, 1998

High Altitude/Masters in Otolaryngology
Sponsored by: The University of Pittsburgh-Center for Continuing Education in the Health
Sciences
March 8-12, 1999

44th Annual Comprehensive Sinus Surgery Course
Sponsored by: The Page and William Black Post-Graduate School
The Mount Sinai School of Medicine
March 15, 1999 to March 19, 1999

11th Annual Mount Sinai Comprehensive Course in Head and Neck Reconstruction
Sponsored by: The Page and William Black Post-Graduate School
The Mount Sinai School of Medicine
March 16, 1999 to March 14, 1999

AO ASIF Louisville, Kentucky Distraction Osteogenesis Course
Sponsored by: The AO North America-Office of Continuing Medical Education
May 22, 1999

10th Annual Meeting of the North American Skull Base Society
Sponsored by: North American Skull Base Society
May 28, 1999 to May 31, 1999

12th Annual Mount Sinai Comprehensive Course in Head and Neck Reconstruction
Sponsored by: The Page and William Black Post-Graduate School
The Mount Sinai School of Medicine
March 4, 2000 to March 12, 2000

45th Annual Mount Sinai Comprehensive Sinus Surgery Course
Sponsored by: The Page and William Black Post-Graduate School
The Mount Sinai School of Medicine
March 13, 2000 to March 17, 2000

CSF Leaks: Comprehensive Diagnosis and Management
Sponsored by: The Educational and Research Foundation for the American
Academy of Facial Plastic and Reconstructive Surgery, San Francisco, California
September 9, 2001

POSTGRADUATE EDUCATIONAL COURSE CERTIFICATES (continued):

Minimally Invasive Endoscopic Surgery of the Cranial Base & Pituitary Fossa
 Sponsored by: University of Pittsburgh Presbyterian Hospital
 January 7, 2005 to January 8, 2005

BUSINESS EXPERIENCE:**OsteoGenics, Inc.:**

Established to develop and market calcium phosphate-based bone replacement cements and implants for craniofacial, dental and orthopedic applications.

Co-founder: 1988

Chief Executive Officer: 1988-1991

Consultant: Product Development and Scientific Affairs: 1991-1994

OsteoGenics was sold in December 1994 to American Medical Electronics, Inc., Richardson, Texas. It is now a subsidiary of Stryker Corporation, (Kalamazoo, MI)

Leibinger, Inc.:

Freiberg, Germany

Consultant: Product Development and Scientific 1994-1996

Howmedica-Leibinger, Inc.:

Rutherford, New Jersey

Consultant: Product Development and Scientific 1996-1998

Stryker-Howmedica, Inc.:

4100 East Milham Ave.

Kalamazoo, Michigan 49071

Consultant: Product Development and Scientific 1998-present

LifeCell Corporation

Branchburg, New Jersey

Chairman: Scientific Advisory Board 1997-2000

Consultant: Product Development 1996-present

Director: Corporate Board of Directors 1999-present

Medical Device Alliance, Inc.

3800 Howard Hughes Parkway, Suite 900

Las Vegas, NV 89109

Chief Executive Officer 5/15/98-11/08/98

Lysonix, Inc.

1170 Mark Avenue

Carpenteria, CA 93013

(A subsidiary of Medical Device Alliance, Inc.)

Chief Executive Officer 5/15/98-11/08/98

BUSINESS EXPERIENCE (continued):**Parallax Medical, Inc.**

2140 Jonathan Avenue

San Jose, CA 95215

(A subsidiary of Medical Device Alliance, Inc.)

Chief Executive Officer

5/15/98-11/08/98

Doctors Research Group, Inc.

143 Wolcott Road

Wolcott, Connecticut 06716

Member: Scientific Advisory Board

10/16/00-2003

Consulting Director: Surgical Development

10/16/00-2004

Hydrophilix Corporation

64 Industrial Park Road

Saco, Maine 04072

Member: Scientific Advisory Board

05/01/01-2004

Biomerix Corporation

200 Park Avenue, Suite 3900

New York, NY 10166

Chief Scientific and Medical Consultant

11/01/01-present

Cellulex Ultrasonics425 West 59th street

New York, NY 10019

Founder and Chief Scientific Consultant

06/01/04-present

Sargon BioTechnology Ventures, LLC

675 Madison Avenue

4th floor

New York, NY 10065

Managing member &**Director of Strategic Business Development**

12/23/08-present