

***CURRICULUM VITAE***

**Jeffrey C. Posnick, DMD, MD**

Plastic Surgeon

Oral & Maxillofacial Surgeon

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**PERSONAL INFORMATION**

**Education**

- Undergraduate*      University of Minnesota, Minneapolis, Sept 1970-June 1973, Bachelor of Arts, Sociology, Summa Cum Laude – Phi Beta Kappa
- Graduate Education*      Harvard School of Dental Medicine, Boston, MA, Sept 1973-June 1977 (D.M.D.)
- Medical Education*      Vanderbilt Medical School, Nashville, TN, Sept 1977-June 1979 (M.D.)
- Residency*
- Vanderbilt University, General Surgery (PGY I), Nashville, TN, July 1979-June 1980, Department Chair: Dr. H. William Scott
  - Vanderbilt University, Oral and Maxillofacial Surgery, Nashville, TN, July 1979-June 1981, Chief of Service: Dr. H. David Hall
  - Massachusetts General Hospital, General Surgery (PGY II, PGY III), Boston, MA, July 1981-June 1983, Department Chair: Dr. G. Austin
  - Eastern Virginia Graduate School of Medicine, Plastic Surgery, Norfolk, VA, January 1984-June 1986, Department Chair: Dr. Charles Horton
- Fellowship*      Children's Hospital of Philadelphia, Craniofacial Surgery, Philadelphia, PA, July 1983-December 1983, Chief of Service: Dr. Linton Whitaker
- Other*
- National Board of Dental Examiners, 1977
  - Northeast Regional Board of Dental Examiners, July 1, 1977
  - National Board of Medical Examiners, Diplomate Certificate #192729, July 1980
  - Cannies Burn Hospital, Maxillofacial Surgery, Bearsden, Glasgow, Scotland, April-June 1981. Supervisors: Dr. Ian McGregor and Dr. K. Moos

- Microsurgical Research Center, Microsurgical Instructional Course, Advanced Certification, Norfolk, Virginia, June 1984

- Swiss Association for the Study of Internal Fixation, Maxillofacial Internal Fixation, Advanced Certification, AO/ASIF, December 1984

- Operation Smile - Medical Mission, Camarines Sur Regional Hospital, Naga City, Philippines, January 1986

- Project Maimonides Israel-American Medical Exchange Program, Israel, Rotating service, March-April 1986. Supervisors: Charles Horton, M.D.

- Clinique Belvedere, Craniofacial Surgery Rotating Service, Paris, France, July 1986. Supervisor: Dr. Paul L. Tessier

- Hospital Humana, Craniofacial Surgery Rotating Service, Mexico City, Mexico, August 1986. Supervisor: Dr. Fernando Ortiz Monasterio

- University of Toronto, Faculty of Dentistry Advanced Certification, Osseointegration in Clinical Dentistry, Toronto, Ontario, November 1987

- University of Toronto, Faculty of Dentistry Advanced Certification, Tissue Integrated Implants in Craniofacial Rehabilitation, Toronto, Ontario, February 1988

- Negros Occidental Hospital, Operation Smile – Medical Mission, Bacolod City, Philippines, February 1988

## **PROFESSIONAL EXPERIENCE**

### **Current University Appointments**

- Adjunct Professor, Department of Orthodontics, Baltimore College of Dental Surgery, University of Maryland, Baltimore, Maryland, 2001 - Present
- Adjunct Professor, Department of Oral & Maxillofacial Surgery, Howard University, Washington, DC, 2010 - Present

### **Current Hospital Appointments**

- Active Staff, Department of Plastic Surgery, Georgetown University Hospital, Wash, D.C., 1992-Present
- Courtesy Staff, George Washington Hospital, Wash, D.C., 2002-Present

## **LICENSURE**

### **Dental Licensure**

*District of Columbia*

### **Medical Licensure**

*Maryland*

*District of Columbia*

*Florida*

### **Certification**

Board Certification: Diplomat, American Board of Oral and Maxillofacial Surgery

Date of Certification: March 26, 1986

Date of Re-certification: Not required

Board Certification: Diplomat, American Board of Plastic Surgery (Certificate #3588)

Date of Certification: November 18, 1988

Date of Re-certification: Not required

Fellow, Royal College of Physicians and Surgeons of Canada (Certificate #382273)

Date of Certification: 1988

Date of Re-certification: Not required

Fellow, American College of Surgeons

Date of Certification: October 11, 1990

Date of Re-certification: Not required

## **RESEARCH AND SCHOLARLY ACTIVITIES**

### **Publications**

#### **i. Original Papers in Refereed Journals**

1. **Posnick JC**, Kinard BE, Singh N, Ogunsanya O: Short Face Dentofacial Deformities: Changes in Social Perceptions, Facial Esthetics, and Occlusion after Bimaxillary and Chin Orthognathic Correction. *J Craniofac Surg*, 2019 (In Press).
2. **Posnick JC**, Kinard BE: Challenges in the Successful Reconstruction of Cleft Lip and Palate: Managing the Naso-Maxillary Deformity in Adolescence. *Plast Reconstr Surg*, 2019 (In Press).
3. **Posnick JC**, Kinard BE: Orthognathic Surgery Has a Significant Positive Effect on Perceived Personality Traits and Perceived Emotional Facial Expressions in Subjects with Primary Mandibular Deficiency. *J Craniofac Surg*, 2019 (In Press).
4. **Posnick JC**, Kinard BE: Challenges in the Successful Reconstruction of Cleft Lip and Palate: Effect of Orthognathic and Nasal Reconstruction on Perceived Social Traits. *Plast Reconstr Surg, Glob Open*, 2019 (In Press).
5. **Posnick JC**, Kinard BE: Reconstruction of Residual Cleft Nasal Deformities Using a Rib Cartilage Caudal Strut Graft: Diagnosis & Surgical Approach. *Otorhinolaryngol Head Neck Surg* 4:1-5, 2019.
6. **Posnick JC**, Kinard BE: Orthognathic Surgery Has a Significant Positive Effect on Perceived Personality Traits and Perceived Emotional Facial Expressions in Subjects with Primary Maxillary Deficiency, *Plast Reconstr Surg Glob Open*7: e2198; 2019.
7. **Posnick JC**, Kinard BE: Orthognathic Surgery Has a Significant Positive Effect on Perceived Personality Traits and Perceived Emotional Expressions in Long Face Subjects, *J Oral Maxillofac Surg* 77:408.e1-408.e10, 2019.
8. **Posnick JC**, Kinard BE, Radulescu M: Redo Orthognathic Surgery: A Report of 10 Cases. *Oral Surg Oral Med Oral Pathol Oral Radiol* 127:477-489, 2019.
9. **Posnick JC**, Chavda A, Kinard BE: Orthognathic Surgery in “Older” Adults with Hemi-Mandibular Elongation: Long-Term Occlusion Outcomes, *J Craniomaxillofac Surg* 47:195-203, 2019.
10. **Posnick JC**, Egolum N, Tremont T: Primary Mandibular Deficiency Dentofacial Deformities: Occlusion and Facial Aesthetic Surgical Outcomes, *J Oral Maxillofac Surg* 76:2209.e1-2209.e15, 2018.
11. **Posnick JC**, Makan S, Bostock D, Tremont TJ, Primary Maxillary Deficiency Dentofacial Deformities: Occlusion and Facial Aesthetic Surgical Outcomes, *J Oral Maxillofac Surg*, 76: 1966-1982, 2018.
12. **Posnick JC**, Liu S, Tremont TJ, Long Face Dentofacial Deformities: Occlusion and Facial Aesthetic Surgical Outcomes, *J Oral Maxillofac Surg*, 76: 1291-1308, 2018.

13. **Posnick JC**, Adachie A, Singh N, Choi E, "Silent" Sleep Apnea in Dentofacial Deformities and Prevalence of Daytime Sleepiness after Orthognathic/Intranasal Surgery, *J Oral Maxillofac Surg*; 76: 833-843, 2018.
14. **Posnick JC**, Choi, Chavda A: Method of Osteotomy Fixation and need for Removal Following Bimaxillary Orthognathic, Osseous Genioplasty, and Intranasal Surgery: A Retrospective Cohort Study. *Int J Oral Maxillofac Surg*; 46: 1276-1283, 2017.
15. **Posnick JC**, Choi E, Chavda A: Surgical Site Infections Following Bimaxillary Orthognathic, Osseous Genioplasty, and Intranasal Surgery: A Retrospective Cohort Study. *J Oral Maxillofac Surg* 75:584-595, 2017.
16. **Posnick JC**, Perez J, Chavda A: Hemi-Mandibular Elongation: Is the Corrected Occlusion Maintained Long-Term? Does the Mandible Continue to Grow? *J Oral Maxillofac Surg* 75:371-398, 2017.
17. **Posnick JC**, Choi E, Liu S: Occurrence of a "Bad" Split & Success of Initial Mandibular Healing: A Review of 524 Consecutive Sagittal Ramus Osteotomies. *Int J Oral Maxillofac Surg*; 45:10, 1187-1194, 2016.
18. **Posnick JC**, Choi E, Singh N: Lingual Nerve Injury in Association with Sagittal Ramus Osteotomy and Bicortical Screw Fixation: A Review of 523 Procedures in 262 Subjects. *Int J Oral Maxillofac Surg* 45: 1445-1451, 2016.
19. **Posnick JC**, Choi E, Chang RP: Osseous Genioplasty in Conjunction with Bimaxillary Orthognathic Surgery: A Review of 262 Consecutive Cases. *Int J Oral Maxillofac Surg* 45: 904-913, 2016.
20. **Posnick JC**, Adachie A, Choi E: Segmental Maxillary Osteotomies in Conjunction with Bimaxillary Orthognathic Surgery: Indications – Safety – Outcome. *J Oral Maxillofac Surg*, 74:1422-1440, 2016.
21. **Posnick JC**, Choi E, Chavda A: Operative Time, Airway Management, Need for Blood Transfusions, and In-Hospital Stay for Bimaxillary, Intranasal, and Osseous Genioplasty Surgery: Current Clinical Practices. *J Oral Maxillofac Surg*, 74:3. p. 590-600, March 2016.
22. **Posnick JC**, Choi E, Adachie A, Troost T: Correction of Symptomatic Chronic Nasal Airway Obstruction in Conjunction with Bimaxillary Orthognathic Surgery: Does it Complicate Recovery and is it Effective? *J Oral Maxillofac Surg*, 74: 3.e1-620.e11, March 2016.
23. **Posnick JC**, Gray JA: Is It Safe to Re-Harvest the Anterior Iliac Crest to Manage Le Fort I Interpositional Defects in Young Adults with a Repaired Cleft? *J Oral Maxillofac Surg* 73:S32-S39, 2015.
24. **Posnick JC**, Sami A: Is it safe and effective to lengthen a chin with interpositional allogenic (iliac) graft? *J Oral Maxillofac Surg* 73:1583-1591, 2015.

25. **Posnick JC**, Sami A: Individuals With a Long Face Growth Pattern and Excess Inferior Scleral Exposure: Is There Improvement After Maxillary (Le Fort I) Advancement and Vertical Shortening? *J Oral Maxillofac Surg* 73:1809-1815, 2015.
26. **Posnick JC**, Sami A: Use of Allogenic (Iliac) Corticocancellous Graft for LeFort I Interpositional Defects: Technique and Results. *J Oral Maxillofac Surg* 73:168.e1, 2015.
27. Park N, **Posnick JC**: Accuracy of analytic model planning in bimaxillary surgery. *Int J Oral Maxillofac Surg* 42:807–814, 2013.
28. **Posnick JC**, Agnihotri N: Managing chronic nasal airway obstruction at the time of orthognathic surgery: A twofer. *J Oral Maxillofac Surg* 69:695-701, 2011.
29. Seruya M, Oh A, Boyajian M, **Posnick JC**, Myseros J, Yaun A, Keating R: Long-term outcomes of primary craniofacial reconstruction for craniosynostosis: A 12-year experience. *Plast Reconstr Surg* 127:2397, 2011.
30. **Posnick JC**, Tiwana PS, Ruiz R: Craniofacial dysostosis syndromes: Evaluation and staged reconstructive approach. *Atlas Oral and Maxillofacial Surgery Clinics of North America*. W.B. Saunders, 109-128, 2010.
31. **Posnick JC**, Agnihotri N: Consequences and management of nasal airway obstruction in the dentofacial deformity patient. *Curr Opin Otolaryngol. Head Neck Surg*. 18:323-331, 2010.
32. **Posnick JC**: Discussion of: Surgical Management of Binder Syndrome: Lessons Learned. *J. Aesth Plast Surg* 34:731-733, 2010.
33. **Posnick JC**, Rabinovich A, Richardson, D: Blood Replacement Practices for Complex Orthognathic Surgery: A Single Surgeon's Experience. *J. Oral Maxillofac Surg* 68:54-59, 2010.
34. **Posnick JC**: Diagnosis and Management of Facial Asymmetries; Supplement to the *J. Oral and Maxillofac Surg*. 66:supl 1: 20, 2008.
35. **Posnick JC**, Wallace, J: Complex Orthognathic Surgery: Assessment of Patient Satisfaction. *J. Oral Maxillofac Surg* 66(5):934-942, 2008.
36. **Posnick JC**, Fantuzzo JJ, Troost, T: Simultaneous Intranasal Procedures to Improve Chronic Obstructive Nasal Breathing in Patients Undergoing Maxillary (LeFort I) Osteotomy. *J. Oral Maxillofac Surg* 65:2273-281, 2007.
37. **Posnick JC**, Fantuzzo JJ: Idiopathic Condylar Resorption: Current Clinical Perspective: *J. Oral Maxillofac Surg*. 65(8):1617-1623, 2007.

38. **Posnick JC**, Fantuzzo JJ, Orchin J: Deliberate Operative Rotation of the Maxillo-Mandibular Complex to Alter the A-Point to B-Point Relationship for Enhanced Facial Esthetics. *J. oral Maxillofac Surg.* 64(11): 1687-1695, 2006.
39. **Posnick JC**, Fantuzzo JJ, Troost, T: Simultaneous Intranasal Procedures to Improve Chronic Obstructive Nasal Breathing in Patients Undergoing Maxillary (LeFort I) Osteotomy. *J. Oral Maxillofac Surg* 64 (suppl 1): 50, 2006.
40. **Posnick JC**, Fantuzzo JJ, Orchin J: Deliberate Operative Rotation of the Maxillo-Mandibular Complex to Alter the A-Point to B-Point Relationship for Enhanced Facial Esthetics. *J. oral Maxillofac Surg.* 64(11): 1687-1695, 2006.
41. **Posnick JC**, Fantuzzo JJ, Troost, T: Simultaneous Intranasal Procedures to Improve Chronic Obstructive Nasal Breathing in Patients Undergoing Maxillary (LeFort I) Osteotomy. *J. Oral Maxillofac Surg* 64 (suppl 1): 50, 2006.
42. **Posnick JC**, Ricalde P, Pong NG: A Modified Approach to “Model Planning” in Orthognathic Surgery for Patients without a Reliable Centric Relation *J. Oral Maxillofac Surg:* 64(2):347-356, 2006.
43. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne JF, Wolfe SA: Taking Calvarial Grafts-Tools and Techniques: VI. –The Splitting of a Parietal Bone “Flap” *Plastic and Reconstructive Surgery:* Vol. 116 October 2005.
44. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne JF, Wolfe SA: Complications of Harvesting Autogenous Bone Grafts: A Group Experience of 20,000 Cases. *Plastic and Reconstructive Surgery:* Vol. 116 October 2005.
45. Tessier, Kawamoto, H, Matthews, D, **Posnick, JC**, Raulo, Y, Tulasne, JF, Wolfe SA: Taking Calvarial Grafts, Either Split In Situ or Splitting of the Parietal Bone Flap Ex Vivo-Tools and Techniques: V. A 950-Case Experience in Maxillofacial and Craniofacial Surgery *Plastic and Reconstructive Surgery:* Vol. 116 October 2005.
46. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne JF, Wolfe SA: Taking Tibial Grafts in the Diaphysis and Upper Epiphysis-Tools and Techniques: IV. A 650-Case Experience in Maxillofacial and Craniofacial Surgery *Plastic and Reconstructive Surgery:* Vol. 116 October 2005.
47. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne, JF, Wolfe, SA: Taking Long Rib Grafts for Facial Reconstruction-Tools and Techniques: III. A 2900-Case Experience in Maxillofacial and Craniofacial Surgery *Plastic and Reconstructive Surgery:* Vol. 116 October 2005.
48. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne JF, Wolfe, SA: Taking Bone Grafts from the Anterior and Posterior Ilium-Tools and Techniques: II. A. 6800-Case Experience in Maxillofacial and Craniofacial Surgery *Plastic and Reconstructive Surgery:*

Vol. 116 October 2005.

49. Tessier P, Kawamoto H, Matthews D, **Posnick JC**, Raulo Y, Tulasne JF, Wolfe SA: Autogenous Bone Grafts and Bone Substitutes. *Plastic and Reconstructive Surgery*: Vol. 116 October 2005.
50. Ricalde P, Engroff SL, von Fraunhofer JA, **Posnick JC**: Strength Analysis of Titanium and Resorbable Internal Fixation in a Mandibulotomy Model. *J Oral Maxillofac Surg*: Aug; 63(8): 1180-1183, 2005.
51. Wolfe SA, **Posnick JC**, Yaremchuk MJ, Zide BM: Panel Discussion: Chin Augmentation. *Aesthetic Surgery Journal*. Vol. 25 (3) May/June 2004.
52. **Posnick JC**, Ruiz R., Tiwana P. Treacher Collins Syndrome: Comprehensive Evaluation and Treatment. *Oral and Maxillofacial Surgery Clinics of North America*, 503-523, 2004.
53. **Posnick JC**, Ruiz R., Tiwana P. The Craniofacial Dysostosis Syndromes: Stages of Reconstruction. *Oral and Maxillofacial Surgery Clinics of North America*, 475-491, 2004.
54. **Posnick JC**, Ricalde P: Cleft-orthognathic surgery. *Clinics in Plastic Surgery*. 31(2):315-330, 2004.
55. Ricalde P, **Posnick JC**: Degradation Rate of Delta (Resorbable) Internal Fixation: Report of 2 Cases. *J Oral Maxillofac Surg*: 62(2): 250-255, 2004.
56. Costello BJ, **Posnick JC**: The role of maxillofacial osteotomies in the treatment of obstructive sleep apnea. *Current Opinion in Otolaryngology & Head & Neck Surgery*. 11(4):267-74, 2003.
57. **Posnick JC**, Costello BJ. Dermoid Cysts, Gliomas, and Encephaloceles: Evaluation and Treatment. *Atlas of the Oral and Maxillofacial Surgery Clinics of North America*, 10(1):85-99, 2002.
58. **Posnick JC**, Ruiz R. Discussion: Management of Condylar Fractures in Children. *Journal of Cranio-Maxillofacial Trauma*, 6:16-17, 2001.
59. **Posnick JC**, Ruiz R. Discussion: Age Related Changes in th Pattern of Midface Fractures in Children: A Chronographic Analysis. *Journal of Cranio-Maxillofacial Trauma*, 12-13, 2001.
60. **Posnick JC**, Ruiz R. Discussion of: Repair of large anterior palatal fistulas using thin tongue flaps. *Annals of Plastic Surgery*. 45:114-117, 2000.
61. **Posnick JC**, Ruiz R. The Craniofacial Dysostosis Syndromes: Current Surgical Thinking and Future Directions. *Cleft-Palate – Craniofacial Journal*, 37(5):433, 2000.



62. **Posnick JC**, Ruiz R. Treacher Collins Syndrome: Current Evaluation, Treatment and Future Directions. *Cleft-Palate – Craniofacial Journal*, 37(5):434, 2000.
63. **Posnick JC**, Grossman J.A.I. Facial sensibility testing: a clinical update. *Plastic and Reconstructive Surgery*, 106(4):892-894, 2000.
64. **Posnick JC**: Crouzon Syndrome: Basic Dysmorphology and Staging of Reconstruction Techniques in *Neurosurgery*, 3:216-229, 1997.
65. Longaker MT, **Posnick JC**, Rekate HL: Craniosynostosis and skull molding. *J of Craniofacial Surgery*. 9(6):572-600, 1998.
66. **Posnick JC**: Discussion: Functional Outcome after Surgery for Trigonocephaly. *Plastic and Reconstructive Surgery* , 102:959-960, 1998.
67. **Posnick JC**: Fibrous dysplasia of the Craniomaxillofacial region: Current clinical perspectives. *British Journal of Oral and Maxillofacial Surgery*, 36(4):264-273, 1998.
68. Rubin JP, **Posnick JC**, Yaremchuck MJ: Role of Endoscopic and Distraction Techniques in Facial and Reconstructive Surgery: New Technology or Improved Results. *J. Craniofacial Surgery* 9(3):285-299, 1998.
69. **Posnick JC**: Surgical correction of mandibular hypoplasia in hemifacial microsomia: a personal perspective. *J Oral Maxillofac Surg* 56(5):639-650, 1998.
70. **Posnick JC**: Discussion: Midface growth after costochondral graft reconstruction of the mandibular ramus in hemifacial microsomia. *Journal of Oral and Maxillofacial Surgery* 56:127-128, 1998.
71. **Posnick JC**: Treacher Collins Syndrome: Perspectives in evaluation and treatment. *J Oral Maxillofac Surg* 155(10):1120-1133, 1997.
72. **Posnick JC**: Discussion: Pediatric facial fractures: A demographic analysis outside an urban environment. *Annals of Plastic Surgery* 38:584-585, 1997.
73. **Posnick JC**: The craniofacial dysostosis syndrome. Staging of reconstruction and management of secondary deformities. *Secondary Management of Craniofacial Disorders* (Cohen Sr., ed). *Clinics of Plastic Surgery* 24(3): 429-446, 1997.
74. **Posnick JC**: The treatment of secondary and residual dentofacial deformities in the cleft patient: Surgical and orthodontic therapy. *Secondary Management of Craniofacial Disorders* (Cohen Sr., ed). *Clinics of Plastic Surgery* 24(3):583-597, 1997.
75. **Posnick JC**, Tompson B: Binder syndrome: Staging of reconstruction and skeletal stability and relapse patterns after Le Fort I osteotomy using miniplate fixation. *Plastic and*

- Reconstructive Surgery 99(4):961-973, 1997.
76. Persing JA, **Posnick JC**, Magee S, Spinelli HM, Wolfe SA, Munro I, Mulliken JB: Cranial plate and screw fixation in infancy: An assessment of risk. *Journal of Craniofacial Surgery* 7:267-270, 1996.
  77. **Posnick JC**, Hughes CA, Milmoie G, Dolan R: Polyostotic fibrous dysplasia: a unusual presentation in childhood. *J Oral Maxillofac Surg* 54(12):1458-1464, 1996.
  78. Yaremchuk M, Rubin J, **Posnick JC**: Implantable materials in facial aesthetic and reconstructive surgery: Biocompatibility and clinical applications. *J. Craniofac Surg* 7(6):473-484, 1996.
  79. **Posnick JC**: Orthognathic surgery for the cleft lip and palate patient. *Seminars in Orthodontics*. W.B. Saunders 2(3):205-214, 1996.
  80. **Posnick JC**: Discussion: Stability of fronto-orbital advancement in non-syndromic bilateral coronal synostosis: A quantitative three-dimensional computed tomographic study. *Plastic and Reconstructive Surgery* 98:406-409, 1996.
  81. **Posnick JC**: Commentary: Influence of pharyngeal flap on facial growth. *Plastic Surgery Outlook* 110-2:3-4, 1996.
  82. **Posnick JC**: Commentary: Misdiagnosis of intraosseous meningiomas as fibrous dysplasia around the orbital apex. *Plastic Surgery Outlook* 10-1:1-2, 1996.
  83. **Posnick JC**: Monobloc and facial bipartition osteotomies: A step-by-step description of the surgical technique. *J. Craniofac Surg* 7(3):229-250, 1996.
  84. **Posnick JC**, Al-Qattan MM, Armstrong D: Monobloc and facial bipartition osteotomies reconstruction of craniofacial malformations: A study of extradural dead space. *Plastic and Reconstructive Surg* 97(6):1118-1128, 1996.
  85. **Posnick JC**: Unilateral coronal synostosis (anterior plagiocephaly): current clinical perspectives. *Annals of Plastic Surg* 36(4):430-447, 1996.
  86. **Posnick JC**: Upper facial asymmetries resulting from unilateral coronal synostosis: Diagnosis and surgical reconstruction. *Management of Facial Asymmetry Atlas of The Oral and Maxillofacial Clinics of North America* (Lew D, ed.). W.B. Saunders 4(1):53-66, 1996.
  87. **Posnick JC**, Al-Qattan MM, Stepner NM: Alteration in facial sensibility in adolescents following sagittal split and chin osteotomies of the mandible. *Plastic and Reconstructive Surg* 97(5):920-927, 1996.

88. MacFarlane R, Ritka JT, Armstrong D, Phillips J, **Posnick JC**, et al: Encephaloceles of the anterior cranial fossa. *Pediatric Neurosurgery* 23:148-158, 1995.
89. Yaremchuk M, **Posnick JC**: Symposium: Resolving controversies related to plate and screw fixation in the growing craniofacial skeleton. *J Craniofac Surg* 6(6):525-538, 1995.
90. **Posnick JC**: Pediatric craniofacial surgery: Historical perspectives, recent advances and refinements. *British J. Oral and Maxillofac Surg* 33(6):343-361, 1995.
91. **Posnick JC**, Armstrong D, Biteu NP: Crouzon and Apert Syndrome: Intracranial volume measurements prior to and after cranio-orbital reshaping in childhood. *Plastic and Reconstructive Surgery* 96(3):539-548, 1995.
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93. **Posnick JC**, Armstrong D, Biteu NP: Metopic and sagittal synostosis: Intracranial volume measurement prior to and after cranio-orbital reshaping in childhood. *Plastic and Reconstructive Surgery* 96(2):229-309, 1995.
94. **Posnick JC**, Tompson B: Cleft-orthognathic surgery: Complications and long-term results. *Plastic and Reconstructive Surgery* 96(2):255-266, 1995.
95. Siddiqi SN, **Posnick JC**, Buncic R, Humphreys RP, Hoffman HJ, Drake JM, Rutka JT: The detection and management of intracranial hypertension after initial suture release and decompression for craniofacial dysostosis syndromes. *Neurosurgery* 36(4):703-708, 1995.
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97. **Posnick JC**, Al-Qattan MM, Armstrong D: Monobloc and facial bipartition osteotomies: Quantitative assessment of presenting deformity and surgical results based on computed tomography scans. *Journal of Oral and Maxillofacial Surgery* 53:358-367, 1995.
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100. **Posnick JC**, Dagens AP: Skeletal stability and relapse patterns after Le Fort I maxillary osteotomy fixed with manipulates: The unilateral cleft lip and palate deformity. *Plastic and Reconstructive Surgery* 94(7):924-932, 1994.

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103. **Posnick JC:** Management of facial fractures in children and adolescents. *Annals of Plastic Surgery* 33(4):442-457, 1994.
104. **Posnick JC, Al-Qattan MM, Pron G:** Facial sensibility in cleft and non-cleft adolescents one year after undergoing Le Fort I osteotomy. *Plastic and Reconstructive Surgery* 94(3):431-435, 1994.
105. **Posnick JC, Taylor M:** Skeletal stability and relapse patterns after Le Fort I osteotomy using miniplate fixation in patients with isolated cleft palate. *Plastic and Reconstructive Surgery* 94:51-58, 1994.
106. **Posnick JC:** Discussion of nasal augmentation using mandibular coronoid as an autogenous graft. *Journal of Oral and Maxillofacial Surgery* 52:638-639, 1994.
107. **Lin KY, Posnick JC, Al-Qattan MM, Vajsar J, Becker LE:** Fetal nerve healing: An experimental study. *Plastic and Reconstructive Surgery* 93(7):1323-1333, 1994.
108. **Posnick JC, Goldstein JA, Clokie ML:** Maxillofacial considerations for diagnosis and treatment in Gorlin's Syndrome: Access osteotomies for cyst removal and orthognathic surgery. *Annals of Plastic Surgery* 32(5):512-518, 1994.
109. **Posnick JC, Bortoluzzi P, Armstrong D:** Nasal dermoid sinus cysts: An unusual presentation, CT scan findings and surgical results. *Annals of Plastic Surgery* 32(5):519-523, 1994.
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112. **Posnick JC, Lin KY, Jhavar BJ, Armstrong D:** Apert Syndrome: Quantitative assessment by CT scan of presenting deformity and surgical results after first-stage reconstruction. *Plastic and Reconstructive Surgery* 93(3):489-497, 1994.
113. **Posnick JC:** Discussion: Mandibular fractures in infants: Review of the literature and report of seven cases. *Journal of Oral and Maxillofacial Surgery* 52:245-246, 1994.

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159. **Posnick JC**: Cranial bone grafting in craniomaxillofacial surgery. Canadian Society of Plastic Surgeons. In: Proceedings of the 41st Annual Meeting 1987.
160. Egerszegi EP, **Posnick JC**: Cranial bone grafting with rigid fixation for treatment of hemifacial microsomia in early childhood. Canadian Society of Plastic Surgeons. In: Proceedings of the 41st Annual Meeting 1987.
161. Witzel MA, **Posnick JC**: Patterns and location of velopharyngeal valving problems. American Cleft Palate Association. American Society of Plastic Reconstructive Surgery. In: Proceedings of the 44th Annual Meeting: p 32, 1987.
162. **Posnick JC**, Witzel MA: Patterns and location of velopharyngeal valving problems: Atypical findings. Society for Ear, Nose and Throat Advances in Children. In: Proceedings of the 15th Annual Meeting 1987.

163. Moore J, **Posnick JC**: The tissue expanded Limberg flap. In: Proceedings of the Plastic Surgery Forum 1986.
164. **Posnick JC**, Whitaker LA: Early treatment of the symmetrical craniofacial dysostosis: Late aesthetic results. European Association of Maxillofacial Surgery. In: Proceedings of the 8th Congress: p 66, 1986.
165. **Posnick JC**, Magee W, Jacobs J: Treatment and results for end stage temporomandibular joint disorders. European Association of Maxillofacial Surgery. In: Proceedings of the 8th Congress: p 156, 1986.
166. **Posnick JC**, Whitaker LA, Stalneck M: Early treatment of the craniofacial dysostosis. American Cleft Palate Association. In: Proceedings of the 43rd Annual Meeting: p 57, 1986.
167. **Posnick JC**, Getz SB: Use of tongue flaps to close end stage palatal fistulae. American Cleft Palate Association. In: Proceedings of the 43rd Annual Meeting: p 19, 1986.
168. Moore J, **Posnick JC**: The tissue expanded Limberg flap. Southeastern Society of Plastic and Reconstructive Surgery. In: Proceedings of the 28th Annual Meeting 1986.
169. **Posnick JC**: Treatment of temporomandibular joint disorders. Plastic Surgery Senior Residents Association. In: Proceedings of the 25th Annual Conference: p 61, 1986.
170. Whitaker LA, Stalneck M, **Posnick JC**: Secondary intracranial craniofacial reconstruction. Cleft Palate and Craniofacial Anomalies. In: Proceedings of the 5th International Congress: p 93, 1985.
171. **Posnick JC**, Whitaker LA, Stalneck M: Early treatment of the symmetrical craniofacial dysostosis. Cleft Palate and Craniofacial Anomalies. In: Proceedings of the 5th International Congress: p 13, 1985.
172. **Posnick JC**, Jacobs J, McCraw JB: Arterialization flaps for head and neck reconstruction. American Association of Oral and Maxillofacial Surgeons. In: Proceedings of the 67th Annual Meeting: p 95, 1985.
173. **Posnick JC**, Jacobs J, Magee W: Condylar head replacement for temporomandibular joint diseases. In: Proceedings of the Plastic Surgery Forum: VIII: pp 75-77, 1985.
174. Whitaker LA, Stalneck M, **Posnick JC**: Total surgical revision of intracranial craniofacial reconstruction. Northeastern Society of Plastic and Reconstructive Surgeons. In: Proceedings of the 1st Annual Meeting: p 7, 1984.
175. **Posnick JC**, Magee W, McCraw J: Useful arterialized local flaps for head and neck reconstruction. European Association of Maxillofacial Surgery. In: Proceedings of the 7th Annual Congress: p 267, 1984.

176. **Posnick JC**, Jacobs J, Magee W: Total joint replacement for TMJ disorders. Southeastern Society of Plastic and Reconstructive Surgeons. In: Proceedings of the 28th Annual Meeting: p 7, 1984.
177. **Posnick JC**, Jacobs J: Segmental osteotomies for the correction of vertical maxillary dysplasias. American Society of Plastic Reconstructive Surgery. In: Proceedings of the Plastic Surgery Forum: VII: pp 93-95, 1984.
178. Hall HD, **Posnick JC**: Secondary alveolar cleft bone grafting. American Society of Oral and Maxillofacial Surgeons. In: Proceedings of the 62nd Annual Meeting, 1980.

### **Research Funding:**

#### **Previous**

1. American Society of Plastic Reconstructive Surgery/Plastic Surgery Education Foundation

Title of Project: "Social perceptions of the effects of monobloc and facial bipartition osteotomies."

Dates of Project Period: April 1, 1994 – March 31, 1996

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$4,600.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated clinical research with my co-investigators.

2. American Cleft Palate Association/Cleft Palate Foundation

Title of Project: "Social perceptions of the effects of monobloc and facial bipartition osteotomies used to reconstruct congenital midface deformities: A school-based study."

Dates of Project Period: July 1, 1994 – June 30, 1995

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$5,000.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated clinical research with my co-investigators.

3. Medical Research Council of Canada

Title of Project: "Fracture healing in fetal sheep in utero."

Dates of Project Period: February 1990 – March 1992

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$116,000.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated animal research with my co-investigators.

4. Saudi Arabian Educational Mission in Canada

Title of Project: "Tendon healing and regeneration in the fetus in utero."

Dates of Project Period: 1992

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$20,283.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated animal research with my co-investigators.

5. American Society of Plastic Reconstructive Surgeons/Plastic Surgery Education Foundation Grant

Title of Project: "Nerve healing and regeneration in the fetus in utero: An experimental study."

Dates of Project Period: 1991

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$4,800.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated animal research with my co-investigators.

6. American Society of Plastic Reconstructive Surgeons/Plastic Surgery Education Foundation Grant

Title of Project: "Fracture healing in fetal sheep in utero."

Dates of Project Period: 1990

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$5,000.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated animal research with my co-investigators.

7. University of Toronto; Toronto, Ontario, Canada

Title of Project: "Sensibility testing in the head and neck region."

Dates of Project Period: July 1 – December 31, 1988

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$5,000.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated clinical research with my co-investigators.

8. Easter Seal Research Institute Fund



Identifying Number: #9904

Title of Project: "Anthropometric craniofacial norms in Canadian Caucasian children less than six years of age."

Dates of Project Period: July 1 – December 31, 1987

Corresponding PI: Posnick JC

Total Direct plus Indirect Costs over all years of award: \$9,200.00

Description: As primary investigator of this award, I was responsible for organizing and conducting the designated clinical research with my co-investigators.

### **Invited Lectures**

1. Invited Panelist: Hemifacial Microsomia. 101<sup>st</sup> AAOMS Annual Meeting, Scientific Sessions and Exhibition. Boston, Massachusetts, September 19, 2019.
2. Invited Speaker: TMJ Involvement in Juvenile Idiopathic Arthritis and Idiopathic Condylar Resorption: Evaluation and Treatment. Department of Rheumatology, Children's National Health System, Washington, DC, July 29, 2019.
3. Invited Speaker: 1) Evaluation of the Newborn & Staging of Cleft Lip & Palate Reconstruction; 2) Challenges of Cleft Care in 2019; 3) Nasal Reconstruction: From Simple to Complex. Plastic Surgery Grand Rounds, Johns Hopkins/University of Maryland Plastic Surgery Residency Program, Baltimore, Maryland, July 18, 2019.
4. Invited Speaker: 1) Asymmetric Mandibular Excess: Diagnosis & Long Term Results; 2) Long Face Jaw Growth Patterns: Diagnosis & Surgical Outcomes; 3) Nasal Reconstruction: From Simple to Complex; 4) Otoplasty for Correction of Outstanding Ears: Diagnosis & Surgical Results; 5) Idiopathic Condylar Resorption & Rheumatoid Idiopathic Arthritis: Correction of the Jaw Deformity; 6) Challenges in Cleft Care 2019: Correction of Naso-Maxillary Deformity; 7) Management of Post Traumatic Secondary Jaw Deformities; 8) Primary Mandibular Deficiency: Diagnosis & Surgical Outcomes. Second Orthognathic Surgery Symposium. Egyptian Oral and Maxillofacial Surgery Society, Cairo, Egypt, April 4-6, 2019.
5. Invited Speaker: Challenges in Cleft Care 2019. Timothy A. Turvey Oral and Maxillofacial Foundation. Scientific Symposium. Chapel Hill, North Carolina, March 30, 2019.
6. Course Chairman & Speaker: Milestones & Pioneers in Cranio-Maxillofacial Surgery. AO North America. 19<sup>th</sup> Annual Symposium: Selected Topics in Orthognathic Surgery, Washington, DC, March 23, 2019.
7. Invited Speaker: 1) Challenges of Cleft Care in 2018, 2) Long Face Jaw Deformities: Diagnosis and Surgical Outcomes; 3) Primary Mandibular Deficiency Jaw Deformities: Diagnosis and Surgical Outcomes; 4) Asymmetric Mandibular Excess Jaw Deformities:

Diagnosis and Surgical Outcomes. Annual Symposium: “Connecting Bites.” Zwolle, the Netherlands, November 29, 2018.

8. Keynote Speaker: 1) Asymmetric Mandibular Overgrowth: Diagnosis & Treatment – Does the Mandible Continue to Grow?; 2) Rhinoplasty – Nasal Reconstruction: From Simple to Complex; 3) Cleft Lip & Palate Reconstruction: Challenges in 2018; 4) The History of Cranio-Maxillofacial Surgery. The Australian and New Zealand Association of Oral and Maxillofacial Surgeons (ANZAOMS) 2018 Conference. Perth, Western Australia, October 18-20, 2018.
9. Invited Speaker: 1) The History of Orthognathic Surgery; 2) The History of Craniofacial Surgery. 100<sup>th</sup> AAOMS Annual Meeting, Scientific Sessions and Exhibition. Chicago, Illinois, October 8-13, 2018.
10. Invited Speaker: Asymmetric Mandibular Excess Growth Anomalies: Diagnosis and Surgical Outcomes. American Association of Orthodontists, AAO 2018 Annual Session, Washington, DC, May 7, 2018.
11. Invited Speaker: 1) The Application of The Six Elements of Oro-Facial Harmony in Orthognathic Surgery. 7<sup>th</sup> Annual Six Elements International Meeting, MedStar Washington Hospital Center. Washington, DC, May 4, 2018.
12. Course Chairman & Speaker: 1) Mandibular Deficiency Dentofacial Deformities: Occlusion, Airway, and Facial Aesthetic Outcomes; 2) Orthognathic Surgery in the US: Financial Considerations in 2018; 3) Cleft Orthognathic Surgery: Evolution in Thinking and Current Clinical Practices. AO North America. 18<sup>th</sup> Annual Symposium: Selected Topics in Orthognathic Surgery, Washington, DC, March 24, 2018.
13. Invited Speaker: 1) Condylar Hyperplasia: Diagnosis & Treatment; 2) Idiopathic Condylar Resorption; 3) Nasal Reconstruction: From Simple to Complex; 4) Current Challenges in Cleft Reconstruction; 5) Long Face Deformities: Evaluation & Surgical Results. National Congress of Oral & Maxillofacial Surgery & 1<sup>st</sup> International Orthognathic Surgery Meeting, Colombian Association of Oral & Maxillofacial Surgery, Cartagena, Colombia, March 1-3, 2018.
14. Invited Speaker: 1) Correction of Dentofacial Deformities: Basic Principles and Surgical Technique; 2) Long Face Jaw Deformities: Evaluation and Surgical Results; 3) Cleft Orthognathic Surgery: Current Clinical Perspectives; 4) Asymmetric Mandibular Excess: Diagnosis and Long Term Surgical Results; 5) Juvenile Idiopathic Arthritis and Idiopathic Condylar Resorption: Diagnosis and Surgical Correction of Jaw Deformities. Department of Orthodontics, College of Dental Medicine, Medical University of South Carolina, Charleston, South Carolina, February 15-17, 2018.
15. Invited Speaker: TMJ Module Breakout: Total Joint Replacement vs. Orthognathic Surgery for Condylar Hyperplasia. 99<sup>th</sup> AAOMS Annual Meeting, Scientific Sessions

and Exhibition. San Francisco, California, October 13, 2017.

16. Invited Speaker: 1) Cleft Orthognathic Surgery, 2) Rhinoplasty: Simple to Complex, 3) Long Face Jaw Deformities, 4) Asymmetric Mandibular Excess Jaw Deformities, and 5) Primary Maxillary Deficiency Jaw Deformities. University of Pennsylvania Orthodontic Alumni Meeting, Philadelphia, Pennsylvania, October 6, 2017.
17. Invited Speaker: 1) Cleft/Orthognathic Surgery, 2) Long Face Jaw Growth Pattern, 3) Short Face Jaw Growth Pattern, 4) Asymmetric Mandibular Excess, and 5) Rhinoplasty: Simple to Complex. Annual Congress of the South African Society of Maxillofacial and Oral Surgeons. Cape Town, South Africa, September 13-16, 2017.
18. Keynote Address: Challenges in Cleft Care 2017. Annual Meeting of American College of Oral and Maxillofacial Surgeons. Vancouver, Canada, May 3, 2017.
19. Course Director and Speaker: 1) Maxillary Deficiency Jaw Growth Pattern: Delivering Comprehensive Care: Airway – Long Term Dental Health – Facial Aesthetics. 2) Rhinoplasty: Simple to Complex. 17th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 11, 2017.
20. Invited Speaker: Providing Comprehensive Surgical and Dental Care to the Jaw Deformity Patient. The George Washington Dental Study Club. Washington, DC, February 15, 2017.
21. Keynote Speaker: Orthognathic Surgery Innovations. The 3rd Annual International Conference of the Saudi Society of Oral and Maxillofacial Surgery. Riyadh, Saudi Arabia, December 8, 2016.
22. Invited Speaker: 1) Cleft- Orthognathic Surgery: Current Clinical Perspectives, 2) Correction of Dentofacial Deformities: Current Thinking and Surgical Results. Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery. Munich, Germany, October 19-22, 2016.
23. Course Director and Speaker: 1) Short Face Jaw Growth Pattern: Delivering Comprehensive Care: Airway – Long Term Dental Health – Facial Aesthetics. 2) Orthognathic Surgery: Setting Parameters of Surgical Care. OR Time – Airway Management – Blood Replacement – Hospital Stay. 16th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 19, 2016.
24. Invited Speaker: (1) Cleft lip reconstruction (2) Cleft palate reconstruction and VPD management (3) Alveolar bone grafting (4) Cleft-Orthognathic Surgery (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland. January 21, 2016.

25. Invited Speaker: Orthognathic Surgery: Efficiency of Care. 7th Annual William Bell Symposium. Portland, OR, November 13-14, 2015.
26. Invited Speaker: Orthognathic Surgery: Principles and Practice. Georgetown University Plastic Surgery Resident Conference. Washington, DC, September 17, 2015.
27. Invited Speaker: Treating Dentofacial Deformities and Upper Airway Obstruction: A Twofer. Annapolis Dental Study Club. Annapolis, MD. September 16, 2015.
28. Invited Speaker: 1) Cleft-Orthognathic Surgery: Diagnosis and Reconstruction, 2) Hemi-Facial Microsomia: Diagnosis and Reconstruction, 3) Rhinoplasty in Children and Young Adults, 4) Airway Considerations in the Dentofacial Deformity Patient. Small, Terry, Baker Lecture. University of North Carolina, Department of Oral and Maxillofacial Surgery. Chapel Hill, NC, April 24, 2015.
29. Course Director and Speaker: 1) Treatment of Secondary Jaw Deformities after Maxillofacial Trauma: Contemporary Comprehensive Care. 2) Definitive Correction of Hemi-Mandibular Elongation (Condylar Hyperplasia): Is Late Growth a Frequent Cause of Recurrence?. 15th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 21, 2015.
30. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Pediatric Ground Rounds, Department of Pediatrics, Georgetown University Hospital, Washington, DC. November 21, 2014.
31. Invited Speaker: Orthognathic Surgery: Airway Considerations and Treatment. Owings Mills Dental Study Club, Owings Mills, Maryland. November 17, 2014.
32. Invited Speaker: Orthognathic Surgery: What the Pediatrician Needs to Know. Adolescent Medicine Grand Rounds, Children's National Medical Center, Washington, DC. November 6, 2014.
33. Invited Speaker: (1) Hemifacial Microsomia: Current Clinical Perspectives (2) Cleft Orthognathic Surgery: Current Clinical Approaches. AOCMF Advances in Pediatric CMF Surgery Symposium, Hannover Germany. September 18-19, 2014.
34. Invited Speaker: (1) Surgical Management of Dentofacial Deformities. (2) Cleft Orthognathic Surgery: Current Clinical approaches. Plastic Surgery Resident Seminar, Department of Plastic Surgery, Georgetown University, Washington, DC. September 11, 2014.
35. Invited Speaker: Idiopathic Condylar Resorption; Diagnosis and Treatment. Maryland Dental Study Club, Owing Mills MD. September 8, 2014.
36. Invited Speaker: Pediatrician Role in the Treatment of Dentofacial Deformities. Pediatric Resident Seminar, Department of Pediatrics, Georgetown University,

Washington, DC. August 14, 2014.

37. Invited Speaker: (1) Hemifacial Microsomia: Current Clinical Perspectives. (2) Cleft Orthognathic Surgery: Current Clinical Approaches. AOCMF Orthognathic Surgery Symposium, Stockholm, Sweden. May 28-June 1, 2014.
38. Panelist: Controversies in Sleep Apnea Management. 5th Annual Cherry Blossom Conference in Otolaryngology, Washington, DC. April 5, 2014.
39. Course Director and Speaker: Malocclusion After Orthodontics and Orthognathic Surgery: Prevention and Treatment Pitfalls. 14th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 22, 2014.
40. Invited Speaker: (1) Cleft lip reconstruction, (2) Cleft palate reconstruction and VPD management, (3) Alveolar bone grafting, (4) Cleft-Orthognathic Surgery, (5) Craniofacial malformations: evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland. January 23, 2014.
41. Invited Speaker: Pediatricians Role in Caring for Jaw Deformities. Pediatric Grand Rounds, Department of Pediatrics, Georgetown University Hospital, Washington, DC. November 8, 2013.
42. Invited Speaker: 1) Jaw and Joint Reconstruction of the JIA patient, 2) Complications in the Management in Cleft and Craniofacial Surgery. American Association of Oral and Maxillofacial Surgeons. 95th Annual Meeting Scientific Sessions and Exhibition. Orlando, FL. October 11, 2013.
43. Course Director and Speaker: Management of Pitch Orientation in Orthognathic Surgery. 13th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 23, 2013.
44. Invited Speaker: Cleft Orthognathic Surgery: Contemporary Thinking. AO-CMF Advanced Course In Cranio-Maxillofacial Surgery. Vail, Colorado. February 21, 2013.
45. Invited Speaker: (1) Cleft lip reconstruction, (2) Cleft palate reconstruction and VPD management, (3) Alveolar bone grafting, (4) Cleft-Orthognathic Surgery, (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland. January 25, 2013.
46. Invited Speaker: Patuxent Dental Society, Waldorf, Maryland. October 9, 2012.
47. Invited Speaker: Contemporary Management of Chronic Upper Airway Obstruction in a Dentofacial Deformity. Annual Meeting, Mid Atlantic Society of Orthodontists. Baltimore, Maryland. September 22, 2012.

48. Invited Speaker: Nasal Airway Considerations in the Evaluation and Treatment of Dentofacial Deformities. 3rd AO-CMF International Symposium on Orthognathic Surgery. Vienna, Austria. May 17-19, 2012.
49. Course Director and Speaker: (1) Short Face Growth Pattern (2) Long face Growth Pattern (3) Primary Mandibular Deficiency Growth Pattern. 12th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 17, 2012.
50. Invited Speaker: Orthognathic Surgery: Step by Step Approach. Masters Symposium in Craniofacial Surgery. AO North America. Big Sky, Montana. February 11, 2012.
51. Invited Speaker: (1) Cleft lip reconstruction, (2) Cleft palate reconstruction and VPD management, (3) Alveolar bone grafting, (4) Cleft-Orthognathic Surgery, (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital. Bethesda, Maryland. January 24, 2012.
52. Invited speaker: Adult Orthognathic Surgery and Complex Dental Rehabilitation. DC Dental Study Club, Washington, DC, May 23, 2011.
53. Invited speaker: Maxillofacial Reconstruction for Treatment of Obstructive Sleep Apnea. Grand Rounds, ENT Department, George Washington University, Washington, DC. May 18, 2011.
54. Course Director and Speaker: (1) Chronic Nasal Airway Obstruction in the Jaw Deformity Patient, (2) Definitive Treatment of the Class III Mandibular Excess/Maxillary Deficient Patient. 11th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 20, 2010.
55. Invited Speaker: Adult Orthognathic Surgery. Arnett Orthognathic Surgery Symposium. Santa Barbara, CA, February 11, 2011.
56. Invited speaker: (1) Adult Orthognathic Surgery, (2) Staging of Cleft Lip and Palate Reconstruction, (3) Rhinoplasty Surgery, (4) Otoplasty Surgery. Periodontal Study Club Annual Meeting. San Juan, Puerto Rico, February 9, 2011.
57. Invited Speaker: (1) Cleft lip reconstruction, (2) Cleft palate reconstruction and VPD management, (3) Alveolar bone grafting, (4) Cleft-Orthognathic Surgery, (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland, February 8, 2011.
58. Invited Lecturer: History of Orthognathic Surgery: Adult Orthognathic Surgery. Annual Herrigan Lecture. New York University College of Dentistry. New York, NY. December 4, 2010.

59. Invited Speaker: Adult Orthodontics and Orthognathic Surgery. 110th Annual symposium. American Association of Orthodontists. Washington, DC May 3, 2010.
60. Course Director and Speaker: (1) Pioneers in Orthognathic Surgery (2) Financing of Orthognathic Surgery (3) Idiopathic Condylar Resorption (4) Adult Orthognathic Surgery. 10th Annual Symposium: Selected Topics in Orthognathic Surgery. AO North America. Washington, DC. March 20, 2010.
61. Keynote Lecturer: (1) Cleft-Orthognathic Surgery (2) Management of Cleft Skeletal Defects in the Mixed Dentition. AO North America: Advances in Cranio-Maxillofacial Surgery. Vail, Colorado. February 19-22, 2010.
62. Invited Speaker: Staging of Cleft Lip and Palate Reconstruction. Grand Rounds, Department of Otolaryngology/Head and Neck Surgery, Georgetown University, Washington, DC. January 21, 2010.
63. Visiting Professor: (1) Staging of Cleft Lip and Palate Reconstruction (2) Basic Principles of Orthognathic Surgery (3) Otoplasty; Diagnosis and Surgery. Department of Plastic Surgery, the Cleveland Clinic. Cleveland, Ohio. October 9, 2009.
64. Visiting Professor: (1) Idiopathic Condylar Resorption (2) Rhinoplasty (3) Otoplasty. Surgical Grand Rounds, Department of Oral and Maxillofacial Surgery, Louisiana State University, New Orleans, LA. May 2, 2009.
65. Invited Speaker: Surgical Management of Class III Skeletal Patterns. Dental Study Club, Fulton, Maryland. April 22, 2009.
66. Course Director and Speaker: Selected Topics in Orthognathic Surgery: AO-CMF Symposium, Washington, DC. March 28, 2009.
67. Invited Speaker: (1) Cleft lip reconstruction (2) Cleft palate reconstruction and VPD management (3) Alveolar bone grafting (4) Cleft-Orthognathic Surgery (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland, February 13, 2009.
68. Invited Speaker: (1) Cleft-Craniofacial Surgery Session. The management of Velopharyngeal dysfunction after cleft palate repair. (2) Facial Asymmetry Symposium. The Management of Complex Facial Asymmetries. 90th Annual Meeting, American Association of Oral and Maxillofacial Surgeons. Seattle, Washington. September 19, 2008.
69. Invited Speaker: (1) Pediatric Cranio-maxillofacial Trauma: Diagnosis and Treatment (2) Hemifacial Microsomia: Current Clinical Perspectives: Diagnosis and Treatment (3) Management of Secondary Post Condylar Fracture deformities in Children and Young Adults (4) Rhinoplasty in children and young adults: Diagnosis and treatment (5) When not to do a facelift: Clinical perspectives (6) Session Chair: Distraction Osteogenesis:

State of the art. 19th Congress of the European Association for Cranio-Maxillofacial Surgery. Bologna, Italy, September 8-12, 2008.

70. Course Director and Speaker: Selected Topics in Orthognathic Surgery. ACMF Symposium, Washington, DC. March 29, 2008.
71. Invited Speaker: Orthognathic Deformities: Evaluation and Treatment. Grand Rounds, Department of Pediatrics, Virginia Hospital Center, Alexandria, Virginia. February 12, 2008.
72. Invited Speaker: (1) Cleft lip reconstruction (2) Cleft palate reconstruction and VPD management (3) Alveolar bone grafting (4) Cleft-Orthognathic Surgery (5) Craniofacial malformations; evaluation and treatment. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland, February 7, 2008.
73. Invited Speaker: Adult Orthognathic Surgery; Enhancing Facial Aesthetics and Improving Function. Southern Maryland Dental Society, Silver Spring, Maryland; December 3, 2007.
74. Invited Speaker: Orthognathic Surgery: Basic Concepts-Surgical Technique-Clinical Results. Grand Rounds, Department of Plastic Surgery, John's Hopkins University, Baltimore, Maryland. November 29, 2007.
75. Lecturer: Anatomical Correlations in Treating Pediatric Cranio-Maxillofacial Deformities. Anatomical Grand Rounds, Department of Biochemistry, Georgetown University. Washington, DC. October 15, 2007.
76. Invited Speaker: (1) Pediatric Head and Neck Tumors (2) Rhinoplasty in Children and Young Adults (3) Hemifacial Microsomia: Staging of Reconstruction. Conference in Pediatric Plastic and Maxillofacial Surgery. Melbourne, Australia. September 22-23, 2007.
77. Invited Speaker: (1) Cleft Lip and Primary Nasal Reconstruction: Personal Perspective (2) Cleft-Orthognathic Surgery: Long Term Results (3) Treacher Collins Syndrome: Staging to Reconstruction. Cleft and Cranio-Maxillofacial Anomalies Symposium, Melbourne, Australia. September 20-21, 2007.
78. Invited Speaker: Idiopathic Condylar Resorption (ICR): Clinical Course and Treatment Approaches. Maryland Society for the Study of Tempo-Mandibular Disorders. Baltimore, Maryland. May 7, 2007.
79. Invited Speaker: (1) Rhinoplasty (2) Hemifacial Microsomia. Controversies in Orthognathic Surgery. ACMF European Symposium. Copenhagen, Denmark, April 27-28, 2007.



80. Invited Speaker: Adult facial Aesthetic and Orthognathic Surgery; Improved Function and Enhanced Aesthetics. Advances in Cosmetic and Facial Reconstructive Surgery. Baylor College of Medicine, Houston, Texas. April 14, 2007.
81. Course Director and Speaker: Controversies in Orthognathic Surgery. ACMF Symposium, Washington, DC March 24, 2007.
82. Invited Speaker: Adult Facial Aesthetic and Orthognathic Surgery. Chinese Dental Study Club Lecture. Bethesda, Maryland, March 14, 2007.
83. Invited Speaker: (1) Cleft –Orthognathic surgery (2) Adult facial Aesthetic and Orthognathic surgery. 5th Annual Craniofacial Lectureship, Department of Plastic Surgery and ENT, University of Mississippi, Jackson, Mississippi. February 8- 9, 2007.
84. Invited Speaker: (1) Cleft lip and palate (2) Craniofacial Anomalies. Oral and Maxillofacial Board Review Course. Bethesda Naval Hospital, Bethesda, Maryland, February 6, 2007.
85. Invited Speaker: The role of jaw surgery in the treatment of OSA. Grand Rounds, Department of Otolaryngology, Georgetown University Hospital, Washington, DC. January 18, 2007.
86. Invited Speaker: Adult Facial Aesthetic and Orthognathic Surgery: Long term results. Dental Science Study Club, Bethesda, Maryland, January 10, 2007.
87. Invited Speaker: Adult Orthognathic Surgery: Improving Function and Enhancing Facial Aesthetics. Anne Arundel County Dental Society. Annapolis, Maryland, November 2, 2006.
88. Invited Speaker: Adult Orthognathic Surgery: Improving Function and Enhancing facial Aesthetics. Georgetown Dental Alumni Society, Washington, DC, October 26, 2006.
89. Lecturer: Anatomical Correlations in Treating Pediatric Cranio-Maxillofacial Deformities. Department of Biochemistry, Anatomical Grand Rounds, Georgetown Medical School. Washington, DC. October 18, 2006.
90. Invited Panelist: Cleft and Craniofacial Patient Care. American Association of Oral and Maxillofacial Surgeons, San Diego, California, October 6, 2006.
91. Invited Speaker: Maxillary Deficiency: Classic vs Distraction Ontogenesis Approach. American Association of Oral and Maxillofacial Surgeons, San Diego, California, October 4, 2006.
92. Invited Speaker: Otoplasty and Rhinoplasty in Children and Teenagers. Grand Rounds, Department of Pediatrics, Virginia Hospital Center, Alexandria, Virginia. September

- 19, 2006.
93. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery: Making a Difference Every Day. Quarterly Meeting, Stryker Corporation, Mawah, NJ. April 19, 2006.
  94. Invited Speaker: Facial Aesthetics and Orthognathic Surgery. Grand Rounds, Department of Otolaryngology/Head and Neck Surgery, Johns Hopkins University, Baltimore, Maryland. April 3, 2005.
  95. Course Director and Speaker: Controversies in Orthognathic Surgery. ACMF Symposium, Washington, DC, March 25, 2006.
  96. Invited Speaker: Facial Aesthetics and Orthognathic Surgery. Annapolis Dental Study Club, Annapolis, Maryland. February 22, 2006.
  97. Invited Speaker: 1. Cleft Lip and Palate 2. Craniofacial Anomalies. Oral and Maxillofacial Surgery Board Review Course. National Naval Medical Center, Bethesda, Maryland. February 10, 2006.
  98. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery. Maryland Society of Orthodontists, Columbia, Maryland, January 25, 2006.
  99. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery. Stryker Corporation National Sales Meeting, Scottsdale, Arizona. January 16, 2006.
  100. Invited Speaker: Orthodontic Treatment in Cleft Lip and Palate Reconstruction. Greater Washington Orthodontic Study Club, Washington, DC. November 10, 2005.
  101. Invited Speaker: Cleft-Orthognathic Surgery. John Hopkins Plastic Surgery Residency Program, Baltimore, Maryland, November 3, 2005.
  102. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery: Past-Present-Future. 53<sup>rd</sup> Annual Meeting - American Academy of Maxillofacial Prosthetics. Los Angeles, California. October 23, 2005.
  103. Invited Speaker: (1) Facial Aesthetics and Orthognathic Surgery: More than a Perfect Bite (2) Cleft Lip and Palate: Staging of Reconstruction (3) Rhinoplasty: Assessment and Aesthetic Results (4) Surgical Correction of Prominent Ears: Assessment and Aesthetic Results (5) Hemangiomas and Vascular Malformations: Evaluation and Treatment. Marsch Robinson Academy Lectureship, University of Southern California, Los Angeles, California. October 22, 2005.
  104. Lecturer: Anatomical Correlations in Treating Pediatric Cranio-Maxillofacial Deformities. Grand Rounds, Department of Anatomy, Georgetown Medical School, Washington, DC. October 19, 2005.

105. Invited Professor: (1) Pediatric Cranio-Maxillofacial Surgery: Past-Present-Future (2) Orthognathic Surgery to Enhance Facial Aesthetics. Surgical Grand Rounds, Second Annual Lectureship in Oral and Maxillofacial Surgery, University of Alabama at Birmingham, October 13, 2005.
106. Invited Professor: Cleft-Orthognathic Surgery: Surgical Technique and Long Term Results. First Annual Lectureship in Oral and Maxillofacial Surgery, Massachusetts's General Hospital, Boston, Massachusetts. October 5, 2005.
107. Invited Speaker: Craniofacial Dysostosis Syndromes: Diagnosis and staging of reconstruction. American Association of Oral and Maxillofacial Surgeons, Boston, Massachusetts, September 21, 2005.
108. Invited Speaker: (1) Pediatric Head and Neck Tumors (2) Otoplasty (3) Orthognathic Surgery: Aesthetic Refinements. 17th International Conference of Oral and Maxillofacial Surgery, Vienna, Austria, August 2005.
109. Guest Speaker: Pediatric Cranio-Maxillofacial Surgery Past-Present-Future. 9th Annual C.J. Lyons' Endowed Lectureship, Ann Arbor, Michigan, June 11, 2005.
110. Invited Speaker: (1) Facial Aesthetics and Orthognathic Surgery (2) Aesthetic Alteration of the Nose. 73rd Annual Nations Capital Meeting, District of Columbia Dental Society, April 30, 2005.
111. Invited Speaker: Facial Aesthetics and Orthognathic Surgery. Bethesda Maryland Dental Study Club, Bethesda, Maryland, April 14, 2005.
112. Invited Speaker: Craniosynostosis and Skull Molding: Diagnosis and Treatment. Department of Family Practice, Georgetown University, Washington DC, April 7, 2005.
113. Course Director and Speaker: Cleft-Orthognathic Surgery. Controversies in Orthognathic Surgery. ACMF Symposium, Washington, DC. March 12, 2005.
114. Invited Speaker/Visiting Professor: Facial Aesthetics and Orthognathic Surgery: Evaluation and Surgical Results. New York University College of Dentistry, New York, New York, February 11, 2005.
115. Invited Speaker: Facial and Orthognathic Surgery. Grand Rounds, Department of Otolaryngology/Head and Neck Surgery, Georgetown University, Washington, DC, November 11, 2004.
116. Teaching Course: Facial Aesthetics and Orthognathic Surgery: More than a Perfect Bite. American Society of Plastic Surgeons Annual Meeting, Philadelphia, Pennsylvania, October 10, 2004.

117. Invited Panelist: Hemifacial Microsomia: Late Skeletal Reconstruction. American Association of Oral and Maxillofacial Surgeons, San Francisco, California, October 1, 2004.
118. Invited Professor: Facial Aesthetics and Orthognathic Surgery: Surgical Technique and long term results. Department of Plastic Surgery, Johns Hopkins University, Baltimore, Maryland, September 2, 2004.
119. Co-Chairman and Speaker: (1) Hemifacial Microsomia: Staging of Reconstruction (2) Management of Secondary Traumatic Skull and Facial Deformities. Pediatric Maxillofacial Surgery, Houston, Texas, May 8, 2004.
120. Co-Chairman and Speaker: (1) Craniosynostosis and Skull Molding (2) Management of Secondary Deformities of the Skull and Face. Interdisciplinary Problem Solving in Cranio-Maxillofacial Surgery, New Orleans, Louisiana, April 24, 2004.
121. Invited Professor: (1) Cleft Lip and Palate: Staging of Reconstruction (2) Syndromal Orthognathic Surgery (3) Isolated Craniosynostosis. 4th Annual H.D. Hall Lecture, Vanderbilt University, Nashville, Tennessee, April 10, 2004.
122. Invited Professor: (1) Cleft Lip and Palate: Staging of Reconstruction (2) Syndromal Orthognathic Surgery (3) Isolated Craniosynostosis. 14th Annual Daniel Waite Lecture, University of Minnesota, Minneapolis, Minnesota, March 14, 2004.
123. Chairman and Speaker: (1) Occlusal Plane Rotation in Orthognathic Surgery: Achieving Ideal Aesthetics (2) Adjunctive Facial Aesthetic Procedures: Achieving the Best Results. Controversies in Orthognathic Surgery, Washington, DC, March 6, 2004.
124. Visiting Professor: Pediatric Cranio-Maxillofacial Surgery: Making a Difference Every Day. Grand Rounds, Zayad Military Hospital, Abu Dhabi, United Arab Emirates, February 19-25, 2004.
125. Co-Chairman and Speaker: Elements of Lower Face Aesthetics and Function. Mandibular Tumors and Defects Reconstruction and Rehabilitation an Interdisciplinary Approach. Orlando, Florida, February 14, 2004.
126. Invited Speaker: Facial Cosmetic and Orthognathic Surgery: More than a Perfect Bite. Dental Science Study Club of Washington. Washington, DC, January 6, 2004.
127. Invited Speaker: Teaching Seminar: (1) Isolated Craniosynostosis: Treatment Philosophy and Surgical Results (2) Orthognathic Surgery in a Syndromal Patient: Functional Aesthetic Results (3) Facial Aesthetics in Orthognathic Surgery: Personal Philosophy and Treatment Planning. Craniofacial, Orthognathic, Aesthetic Surgery. European Association of Cranio-Maxillofacial Surgery, Ferrara, Italy, November 7, 2003.

128. Invited Professor: Facial Aesthetics and Orthognathic Surgery: Surgical Technique and long term results. Department of Plastic Surgery. Johns Hopkins, Baltimore, Maryland, October 23, 2003.
129. Co-Chairman and Speaker: (1) Orthognathic Surgery: More Than a Perfect Bite (2) Craniosynostosis and Skull Molding: Evaluation of Treatment. Interdisciplinary Problem Solving in Cranio-Maxillofacial Surgery, Sonoma, California, October 4, 2003.
130. Invited Speaker: Facial Aesthetics and Orthognathic Surgery: More than a Perfect Bite. South African Surgical Society, Johannesburg, South Africa, June 12, 2003.
131. Co-Chairman and Speaker: (1) Management of Secondary Deformities of the Skull and Face (2) Management of Dental-Alveolar Trauma. Interdisciplinary Problem Solving in Cranio-Maxillofacial Surgery, Chicago, Illinois, May 10, 2003.
132. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery: Making a Difference Every Day. Montgomery/Prince Georges Pediatric Society Meeting, Rockville, Maryland, May 5, 2003.
133. Invited Speaker and Panelist: (1) Mandibular Fracture Management (2) Craniosynostosis and Skull Molding. Interdisciplinary Problem Solving in Cranio-Maxillofacial Surgery, Chapel Hill, North Carolina, May 3, 2003.
134. Invited Speaker: Facial Aesthetics and Orthognathic Surgery: More than a Perfect Bite. 71st Annual Nations Capital Dental Meeting, District of Columbia Dental Society, Washington, DC, March 28, 2003.
135. Invited Speaker: Posterior Plagiocephaly: Lambdoid Synostosis vs. Skull Molding. Pediatric Grand Rounds. Arlington Hospital, Arlington, Virginia, February 12, 2003.
136. Invited Speaker: Facial Aesthetics and Orthognathic Surgery: More Than a Perfect Bite. Northern Baltimore Dental Study Club, St. Joseph's Hospital, Towson, Maryland, October 8, 2002.
137. Invited Speaker: Primary Cleft Lip Repair: State of the Art. 84th Annual Meeting, American Association of Oral and Maxillofacial Surgeons, Chicago, Illinois, October 4, 2002.
138. Invited Speaker: Contemporary Scope of Practice for Oral and Maxillofacial Surgeons: State of the Art. 84th Annual Meeting, American Association of Oral and Maxillofacial Surgeons, Chicago, Illinois, October 2, 2002.
139. Invited Speaker: Cleft Lip and Palate: Aspects of Reconstruction. Pediatric Grand Rounds, Georgetown University Hospital, September 28, 2002.

140. Instructional Course: 1) Craniosynostosis and the Craniofacial Dysostosis Syndromes; 2) Cleft-Orthognathic Surgery. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 70<sup>th</sup> Annual Meeting, San Antonio, Texas, September 20, 2002.
141. Invited Speaker: (1) Cleft Lip and Palate: Aspects of Reconstruction. (2) Facial Shaping and Plastic Surgery: More than Jaw Surgery. Michigan Academy of Plastic Surgeons, Mackinac, Michigan, July 14-17, 2002.
142. Invited Speaker: Facial Aesthetics and Facial Plastic Surgery. Northern Virginia Orthodontic Society, Tyson's Corner, Virginia, October 23, 2001.
143. Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery. (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery, Plastic Surgery Education Foundation, Chicago, Illinois, July 21, 2001.
144. Invited Panelist: Cleft-Orthognathic Surgery: An Interdisciplinary Approach. International Congress on Cleft Palate and Related Craniofacial Anomalies, 9th International Congress, June 27, 2001.
145. Keynote Speaker: Cranio-Maxillofacial Surgery: Past-Present-Future. International Congress on Cleft Palate and Related Craniofacial Anomalies, 9th International Congress, Goteborg, Sweden, June 25-29, 2001.
146. Invited Speaker: Neonatal Cranio-Maxillofacial Malformations and Treatment: Current Approach. Neonatal Intensive Care Unit Grand Rounds, Georgetown University Hospital, June 1, 2001.
147. Invited Speaker: Pediatric Cranio-Maxillofacial Surgery: Current Treatment and Results. Pediatric Ground Rounds, Shady Grove Adventist Hospital, April 11, 2001.
148. Invited Panelist: The Great Debate: Orthognathic Surgery vs. Distraction. Craniofacial Surgery: The New Millennium, Plastic Surgery Education Foundation, New York, New York, March 29-April 1, 2001.
149. Invited Speaker: 1. Orthognathic Deformities: Current Approach to Treatment. 2. Vascular Malformations in Children: Surgical Indications. 3. Isolated Craniosynostosis: Timing and Techniques of Treatment. 4. Anomalies and Deformities – Panel Participation. Third International Interdisciplinary Congress of Skull Base and Craniofacial Surgery, Interlaken, Switzerland, March 13-16, 2001.
150. Invited Speaker: Facial Aesthetics and Facial Plastic Surgery. Tyson Corner Dental Society, McLean, Virginia, February 12, 2001.

151. Invited Speaker: Craniofacial Anomalies: Syndromes and Surgery. Division of Plastic Surgery, Georgetown University Hospital, Washington, DC, February 8, 2001.
152. Invited Speaker: Orthognathic Deformities: Aesthetic and Functional Results. Pulmonary Medicine Conference, Georgetown University Hospital, Washington, DC, February 7, 2001.
153. Invited Speaker: Dentofacial Deformities: Analysis and Treatment. Division of Plastic Surgery. Georgetown University Hospital, Washington, DC, February 1, 2001.
154. Visiting Professor: Staging of Cleft Lip and Palate Reconstruction. Department of Orthodontics, University of Maryland, Baltimore, MD. January 19, 2001.
155. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 69th Annual Meeting, Los Angeles, California, October 17, 2000.
156. Instructional Course: Cleft Orthognathic Surgery. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 69th Annual Meeting, Los Angeles, California, October 15, 2000.
157. Invited Speaker: Facial Aesthetics-Facial Plastic Surgery. Pediatric Grand Rounds, Georgetown University Hospital, Washington, DC, September 29, 2000.
158. Invited Speaker: Facial Aesthetics-Facial Plastic Surgery. Maryland State Society of Orthodontists, Columbia, Maryland, September 27, 2000.
159. Invited Speaker: Facial Plastic Surgery. Central County Dental Society, Rockville, Maryland, September 18, 2000.
160. Invited Speaker: (1) Craniofacial anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery. Sponsored by The Plastic Surgery Education Foundation, Chicago, Illinois. July 22, 2000.
161. Invited Speaker: Craniosynostosis and Skull Molding. Grand Rounds, Department of Neurosurgery, Georgetown University Hospital, Washington, DC, June 15, 2000.
162. Invited Speaker: (1) Facial Aesthetics in Facial Plastic Surgery. (2) Craniosynostosis and the Craniofacial Dysostosis Syndromes. Michigan Cleft Palate-Craniofacial Society, Annual Meeting, Lansing, MI, June 9, 2000.
163. Invited Speaker: (1) Asymmetric Jaw Discrepancies: Achieving Maximum Aesthetic Results. (2) Symmetric Jaw Discrepancies: Achieving Maximum Aesthetic Results. (3) Cleft-Jaw Deformities: Achieving Maximum Aesthetics, Function and Dental

- Rehabilitation. Challenges and Advances in Cranio-Maxillofacial Trauma and Reconstruction. Sponsored by A.O. of North America. Washington, DC, May 6-7, 2000.
164. Invited Speaker: Facial Aesthetic Surgery. Office of Dr. William Thomas, Vienna Virginia, March 2, 2000.
  165. Invited Speaker: Craniofacial Anomalies: Syndromes and Surgery. Division of Plastic Surgery, Georgetown University Hospital, Washington, DC, March 2, 2000.
  166. Invited Speaker: Facial Plastic Surgery: Aesthetic Results. Chesapeake Orthodontic Study Group, Columbia, Maryland, January 27, 2000.
  167. Co-Chairperson. Distraction Abstract Session, 8th International. Congress, International Society of Craniofacial Surgery, Taipei, Taiwan, November 1, 1999.
  168. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 68th Annual Meeting, New Orleans, Louisiana, October 26, 1999.
  169. Instructional Course: Cleft Orthognathic Surgery. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 68th Annual Meeting, New Orleans, Louisiana, October 26, 1999.
  170. Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery. Sponsored by The Plastic Surgery Education Foundation, Chicago, Illinois. August 7, 1999.
  171. Invited Speaker: Aesthetics and the Human Face: What I have learned over the years. Norman Rowe Lecture, British Association of Oral and Maxillofacial Surgeons, Annual Scientific Meeting, Birmingham, England, May 31, 1999 – June 4, 1999.
  172. Invited Speaker: Aesthetics and the Human Face. The Iranian Dental Study Club of the Washington, D.C. Area, Tysons Corner, VA, May 13, 1999.
  173. Invited Speaker: Aesthetics and the Human Face. The Pan-American Medical and Dental Study Club of Washington, D.C., Columbia Country Club, Bethesda, MD, May 12, 1999.
  174. Invited Speaker: Aesthetics and the Human Face. Pediatric Grand Rounds, Suburban Hospital, Bethesda, MD, May 11, 1999.
  175. Visiting Professor: (1) Craniosynostosis and Skull Molding: Current Clinical Perspectives, (2) The Staging of Cleft Lip and Palate Reconstruction: Infancy Through



- Adolescence, (3) Aesthetics and the Human Face. Division of Pediatric Plastic Surgery, The Childrens Hospital of Akron, Akron, Ohio, May 7, 1999.
176. Invited Speaker: Orthognathic and Facial Cosmetic Surgery. Operating Room Nurses In Service, Suburban Hospital, Bethesda, MD, February 11, 1999.
  177. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Oral and Maxillofacial Surgery Review Course, National Naval Medical Center, Bethesda, MD, February 5, 1999.
  178. Invited Speaker: Pediatric Craniomaxillofacial Surgery. NICU Grand Rounds, Fairfax Hospital, Fairfax, VA, January 26, 1999.
  179. Invited Speaker: Orthognathic and Aesthetic Facial Plastic Surgery. Florida Society of Plastic Surgery, Orlando, Florida, December 5, 1998.
  180. Invited Speaker: Orthognathic and Aesthetic Facial Plastic Surgery. Montgomery County Dental Study Group, Bethesda, Maryland, November 19, 1998.
  181. Invited Speaker: Orthognathic and Aesthetic Facial Plastic Surgery. Alpha Omega Dental Fraternity – Washington Alumni Chapter, Bethesda, Maryland, October 20, 1998.
  182. Invited Speaker: Craniosynostosis-Craniofacial Dysostosis Syndromes-Skull Molding. Division of Plastic Surgery, Johns Hopkins University, Baltimore, Maryland, October 17, 1998.
  183. Instructional Course: (1) Current Surgical Management of Craniosynostosis - The Craniofacial Dysostosis Syndromes - Skull Molding, (2) Cleft-Orthognathic Surgery: Surgical Techniques and Long-Term Results. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 67th Annual Meeting, Boston, Massachusetts, October 3-7, 1998.
  184. Invited Speaker: Surgical Aspects of Cleft Lip and Palate and other Craniofacial Anomalies. Achieving Successful (speech and hearing) outcomes in schools. American Speech Language Hearing Association (ASHA), Washington, D.C. August 8-10, 1998.
  185. Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery, Sponsored by the Plastic Surgery Educational Foundation, Chicago, IL. August 7, 1998.
  186. Invited Speaker: Pediatric Craniofacial Surgery. Department of Neurosurgery Grand Rounds. The George Washington University Hospital, Washington, DC. June 3, 1998.

187. Panelist: Cleft Lip and Palate. 3rd Annual Hans R Wilhelmsen Lectureship in the Craniofacial Sciences. Baltimore, MD, April 25, 1998.
188. Panel Chairman. Jr. Investigation Session, American Cleft Palate - Craniofacial Association. 55th Annual Meeting, Baltimore, MD, April 23, 1998.
189. Keynote Speaker: (1) The Reconstruction of Upper Face Asymmetries: Current Clinical Thinking, (2) Should there be a unified Head and Neck Specialty? A North American Perspective. Joint Meeting of the British Association of Plastic Surgeons and the British Association of Oral and Maxillofacial Surgeons, London, England. January 27, 1998.
190. Invited Speaker: (1) January 21 - Plenary Session IV, Surgical Management of Hemangiomas and Vascular Malformations. (2) January 22 - Plenary Session VI, Reconstruction of the Hemi-Maxillectomy Defect. (3) January 23 - Plenary Session VIII, Aesthetic and Orthognathic Surgery. (4) January 23 - Plenary Session VIII, Panel Moderator: Congenital Anomalies and Deformities. Second International Interdisciplinary Congress on Craniofacial and Skull Base Surgery, Cancun, Mexico, January 20-24, 1998.
191. Invited Speaker: Management of Patients with Oral-Facial Anomalies. The Surgical Management Patients with Clefts and Craniofacial Malformations. 45th Annual Meeting, American Academy of Maxillofacial Prosthetics, November 2-5, 1997, Orlando, Florida.
192. Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery. Sponsored by The Plastic Surgery Education Foundation, Chicago, Illinois. October 1997.
193. Instructional Course: (1) Current Surgical Management of Craniosynostosis – The Craniofacial Dysostosis Syndromes – Skull Molding, (2) Cleft-Orthognathic Surgery: Surgical Techniques and Long-Term Results. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 66th Annual Meeting, San Francisco, California. September 20-24, 1997.
194. Invited Speaker: Cleft-Orthognathic Surgery: Surgical Techniques and Long-Term Results. International Symposium on Surgical Techniques in Cleft Lip and Palate: Long-Term Results. Sponsored by American Society of maxillofacial Surgeons/Plastic Surgery Education Foundation, San Francisco, California. September 19, 1997.
195. Invited Speaker and Panelist: Upper and midface injuries in children. 79th Annual Meeting American Association of Oral and Maxillofacial Surgeons. Symposium on Maxillofacial Trauma in Child Abuse, Seattle, Washington, September 18, 1997.
196. Invited Speaker and Local Host: Dentofacial Analysis for the Correction of Orthognathic Deformities. American Society of Maxillofacial Surgeons/Plastic Surgery Education

Foundation, Basic Maxillofacial Principles Course, Georgetown, Washington, DC. August 14-16, 1997.

197. Invited Speaker: (1) Cleft and Craniofacial Surgery: Recent Refinement and Advancements. Craniofacial Anomalies Panel. 97th Annual Session, American Association of Orthodontists, Philadelphia, Pennsylvania, May 5, 1997.
198. Keynote Speaker: (1) Craniosynostosis and Skull Molding: Differential Treatment and Diagnosis, Head and Neck Tumors in Children, (2) Craniofacial and Microsurgical Approach, Orthognathic and Facial Plastic Surgery: Aesthetic Evaluation and Long-Term Results, (3) Cleft Lip and Palate: Staging of Reconstruction, (4) Hemifacial Microsomia: Diagnosis and management, (5) Forum on problem cases. Australian and New Zealand Association of Oral and Maxillofacial Surgeons, 17th Biennial Conference, Perth, Western Australia. April 8-12, 1997.
199. Invited Speaker: The Georgetown Craniofacial Center: An Interdisciplinary Approach. Department of Otolaryngology/Head and Neck Surgery Grand Rounds, Georgetown University Hospital, Washington, DC. March 6, 1997.
200. Co-Chairman: (1) Craniosynostosis: Intracranial Volume Measurement Prior to and after Cranio-Orbital Reshaping in Childhood, (2) Cranio-Orbito-Zygomatic Measurement Based on Computer Tomography: Normal Values, Growth Trends and Applications to Craniosynostosis, (3) Anterior Plagiocephaly: Diagnosis, Indications for Surgery, Techniques and Outcome Assessments, (4) Metopic Synostosis: Indications for Surgery and Assessment of Outcome, (5) Sagittal Synostosis: Indications for Surgery and Assessment of Outcome. Craniosynostosis and Skull Molding Symposium. Plastic Surgery Education Foundation/American Society of Maxillofacial Surgeons/Joint Section of Pediatric Neurological Surgeons and the Congress of Neurologic Surgeons, Scottsdale, Arizona. February 20-25, 1997.
201. Invited Speaker: Craniosynostosis and Skull Molding: The Pediatrician's Dilemma. Grand Rounds, Department of Pediatrics, Georgetown University Hospital, Washington, DC. February 1997.
202. Invited Speaker: Craniosynostosis and Skull Molding. Plastic Surgery Resident Teaching Conference, Georgetown University Hospital, Washington, DC. January 29, 1997.
203. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Oral and Maxillofacial Surgery Board Review Course, National Naval Dental Center, Bethesda, Maryland. January 27, 1997.
204. Invited Speaker: Facial Plastic, Reconstructive and Orthognathic Surgery. Northern Maryland Dental Study Club, St. Joseph Hospital, Towson, Maryland. January 13, 1997.

205. Invited Speaker: Craniosynostosis and Skull Molding: A Pediatrician's Dilemma. Pediatric Grand Rounds, Shady Grove Adventist Hospital Systems, Shady Grove, Maryland. January 8, 1997.
206. Invited Speaker: Orthognathic and Facial Plastic Surgery: Refinements and Recent Advancements. The 5th International Congress of Oriental Aesthetic Plastic Surgery, Taipei, Taiwan. December 4, 1996.
207. Invited Speaker: (1) Hemangiomas and Vascular Malformation: Current Surgical Perspectives, (2) Treacher Collins Syndrome: Staging of Reconstruction. International Symposium on recent advances and reconstructive surgery, Taipei, Taiwan. December 1, 1996.
208. Instructional Course: Cleft/Orthognathic Surgery: Surgical Techniques and Long-Term Results. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 65th Annual Meeting, Dallas, Texas. November 13, 1996.
209. Instructional Course: Current Surgical Management of Craniosynostosis: The Craniofacial Dysostosis Syndromes and Skull Molding. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation. 65th Annual Meeting, Dallas, Texas. November 12, 1996.
210. Co-Chair/Panelist: Augmentation of the Facial Skeleton in Aesthetic and Reconstructive Surgery. Sponsored by The American Society of Maxillofacial Surgeons/American Society of Plastic and Reconstructive Surgeons, 65th Annual Scientific Meeting. November 11, 1996.
211. Co-Chair: The Role of Endoscopic and Distraction Techniques in Facial Aesthetic and Reconstructive: A New Technology or Improved Results? The Plastic Surgery Foundation and the American Society of Maxillofacial Surgeons, Dallas, Texas. November 8, 1996.
212. Invited Speaker and Course Chairman: (1) Cleft Lip and Palate: Staging of Reconstruction, (2) Cleft-Orthognathic Surgery: Morbidity and Long-Term Results, (3) Quantitative CT Scan Analysis and Craniofacial Surgery, (4) Hemifacial Microsomia: A Staged Reconstructive Approach, (5) Treacher Collins Syndrome: A Staged Reconstructive Approach. Southern Ontario Surgical Orthodontic Study Group. Windsor, Ontario, Canada. November 1-2, 1996.
213. Chairman and Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery. Sponsored by the Plastic Surgery Education Foundation, Chicago, Illinois. October 20-24, 1996.
214. Invited Panelist: Skull Base Surgery: Are We Doing Better? Interdisciplinary Panel Discussion. American College of Surgeons, 82nd Annual Clinical Congress, San

- Francisco, California. October 7, 1996.
215. Invited Speaker: Facial Plastic, Reconstructive and Orthognathic Surgery. Potomac Valley Study Club. October 5, 1996.
  216. Invited Speaker: Craniosynostosis and Skull Molding. Grand Rounds, Department of Pediatrics, Fairfax (INOVA) Hospital, Fairfax, VA. September 5, 1996.
  217. Invited Faculty: Dentofacial Analysis for the Correction of Orthognathic Deformities. American Society of Maxillofacial Surgeons/Plastic Surgery Education Foundation. Basic Maxillofacial Course, Baltimore, Maryland. August 24, 1996.
  218. Invited Speaker: Upper Facial Asymmetries: Diagnosis and Treatment. 2nd International Interdisciplinary Symposium on Craniofacial Asymmetries, University of Aarhus, Denmark. May 23-24, 1996.
  219. Invited Speaker: Cleft/Orthognathic Surgery: Long-Term Results. Symposia sponsored by the Department of Oral and Maxillofacial Surgery, Vanderbilt University Medical Center. May 4, 1996.
  220. Invited Speaker: Management of Cranial Vault Defects with Fixed Autogenous Grafts. Department of Neurologic Sciences, Grand Rounds, Georgetown University Medical Center, Washington, DC, May 1, 1996.
  221. Study Session: Treacher Collins Syndrome: A Staging of Reconstruction. American Cleft Palate-Craniofacial Association, 53rd Annual Meeting, San Diego, California. April 27, 1996.
  222. Invited Speaker/ Distinguished Guest Lecturer: (1) Pediatric Head and Neck Tumors: A Craniofacial and Microsurgical Approach, (2) Cleft Lip and Palate: Stage Reconstructive-Team Approach. Annual Saul and Harry Lacks Lectureship sponsored by The Lee and Lewis Kuhn Foundation. Department of Dentistry, North Shore University Hospitals, Long Island, New York. April 6, 1996.
  223. Invited Speaker: (1) The Surgical Management of Complex Pediatric Craniofacial and Skull Based Trauma, (2) Chairperson, Craniofacial Trauma Panel, (3) Monobloc and Facial Bipartition Osteotomies: Dead Space, Morbidity, Quantitative CT Scan and Aesthetic Result, (4) Panelist, Congenital Anomalies and Deformities. First International Interdisciplinary Congress in Craniofacial and Skull Based Surgery, Jerusalem, Israel. February 25-29, 1996.
  224. Invited Speaker: (1) Current Approaches to the Reconstruction of Cleft/Skeletal Deformities, (2) Current Perspectives in the Management of the Craniofacial Dysostosis. Plastic Surgery Education Foundation, Perspectives and Advances in Plastic Surgery Symposium, Snowmass, Colorado. February 11, 1996.

225. Invited Speaker: The Management of Cleft Lip and Palate. Department of Oral and Maxillofacial Surgery, Naval Dental School, Board Review Course, National Naval Dental Center, Bethesda, Maryland. January 22, 1996.
226. Invited Speaker: (1) Bone Grafting and Orthognathic Surgery in the Cleft Patient, (2) Surgical Management of Total Midface Deformities resulting from Craniofacial Anomalies, (3) Surgical Management of Upper Facial Asymmetries: Method for their Evaluation and Reconstruction. Lancaster Cleft Palate Clinic, The Second Annual Robert L. Harding Memorial Seminar, Lancaster, Pennsylvania. December 9, 1995.
227. Invited Speaker: Cleft Lip and Palate: Selected Topics. Division of Oral and Maxillofacial Surgery, Resident Teaching Rounds, Georgetown University Medical Center, Washington, DC. November 30, 1995.
228. Resident Teaching Conference: Staging of Reconstruction for Cleft Lip and Palate. Division of Oral and Maxillofacial Surgery, Georgetown University Medical Center, Washington, DC. November 29, 1995.
229. Keynote Speaker: Cleft Orthognathic Surgery: Complications and Long-Term Results. Japanese Society of Craniomaxillofacial Surgeons, 13th Annual Meeting, Tokyo, Japan. November 10, 1995.
230. Invited Speaker and Co-Chair: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dento-Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery. Sponsored by The Plastic Surgery Education Foundation, Chicago, Illinois. November 2, 1995.
231. Instructional Course: Cleft/Orthognathic Surgery: Surgical Techniques and Long-Term Results. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation, 64th Annual Meeting, Montreal, Quebec. October 11, 1995.
232. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Education Foundation, 64th Annual Meeting, Montreal, Quebec. October 10, 1995.
233. Co-Chair: Biocompatibility and Clinical Applications. Symposium: Implantable Materials in Facial Aesthetic and Reconstructive Surgery. The American Society of Maxillofacial Surgeons/Plastic Surgery Education Foundation, Montreal, Quebec. October 6, 1995.
234. Invited Speaker: Orthognathic Surgery: Long-Term Functional and Aesthetic Results. Grand Rounds, Department of Otolaryngology/Head and Neck Surgery, Georgetown University Medical Center, Washington, DC. September 28, 1995.
235. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Division of Plastic Surgery Core Curriculum Series. Georgetown University Medical Center, Washington,

DC. September 27, 1995.

236. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Grand Rounds, Department of Surgery, Georgetown University Medical Center, Washington, DC. September 18, 1995.
237. Invited Speaker: Case Reports of Polyostotic Fibrous Dysplasia: Unusual Presentation. Clinical Pathologic Conference on Fibro-Osseous Disease, American Society of Oral and Maxillofacial Surgeons, 77th Annual Meeting, Toronto, Ontario. September 16, 1995.
238. Invited Speaker: Timing and Sequencing of Cleft Lip and Palate Care. Symposium on Cleft Lip and Palate Care: Beyond Surgical Needs. American Association of Oral Maxillofacial Surgeons, 77th Annual Meeting, Toronto, Ontario. September 15, 1995.
239. Invited Speaker: Overview of Pediatric Craniomaxillofacial Surgery. Department of Surgery, Georgetown University Medical Center, Junior Surgical Clerkship Lecture Series, Washington, DC. August 23, 1995.
240. Panelist: (1) Alveolar Bone Grafting, (2) Cleft-Orthognathic Surgery, (3) Cleft Lip and Nose Soft Tissue Revisions. American Association of Oral and Maxillofacial Surgeons Cleft Lip and Palate, Skeletal Deformities and Their Reconstruction (Satellite Broadcast), Columbia University, New York, New York. August 5, 1995.
241. Invited Speaker: (1) Cleft Lip and Palate Care: A Team Approach, (2) Pediatric Head and Neck Tumors: A Craniofacial and Microsurgical Approach, (3) The Treatment of Craniosynostosis and the Craniofacial Dysostosis Syndromes, (4) Orthognathic Surgery: Long-Term Results. Metropolitan Craniofacial Center, One Day Symposia: The Correction of Pediatric Cleft and Craniofacial Deformities, Newark, New Jersey. June 14, 1995.
242. Speaker: Dental Facial Analysis for the Correction of Orthognathic Deformities. American Society of Maxillofacial Surgeons/Plastic Surgery Education Foundation, Basic Maxillofacial Principles Course, New Haven, Connecticut. April 29, 1995.
243. Teaching Session: Treacher Collins Syndrome: The Staging of Reconstruction. American Cleft Palate-Craniofacial Association, 52nd Annual Meeting, Tampa, Florida. April 27, 1995.
244. Study Session: Hemifacial microsomia: The Staging of Reconstruction. American Cleft Palate-Craniofacial Association, 52nd Annual Meeting, Tampa, Florida. April 27, 1995.
245. Invited Invited Speaker: Quantitative CT Scan Assessment in Craniosynostosis. Pre-Symposium Conference: American Cleft Palate-Cranial Association, Outcome Assessments in Cleft and Craniofacial Care: Clinical and Research Perspectives.

Tampa, Florida. April 24, 1995.

246. Invited Speaker: (1) Complex Upper and Midface Surgery: Congenital, Neoplastic and Trauma, (2) Pediatric Facial Trauma: Evolving Concepts of Treatment. Korean Association of Oral and Maxillofacial Surgeons, 36th Annual Meeting. April 6-7, 1995.
247. Invited Speaker: An Update in the Management of Pediatric Craniomaxillofacial Problems. Department of Pediatrics Quarterly Faculty Meeting, Georgetown University Medical Center, Washington, DC. March 28, 1995.
248. Guest Professor: Monobloc and Facial Bipartition Osteotomies for Craniofacial Reconstruction. Division of Plastic Surgery, Texan Children's Hospital, Houston, Texas, March 15-17, 1995.
249. Invited Speaker: The Management of Craniomaxillofacial Trauma. Division of Plastic Surgery Core Curriculum, Georgetown University Medical Center, Washington, DC. March 9, 1995.
250. Invited Speaker: The Surgical Correction of Facial Skeletal Asymmetries. District of Columbia Dental Society, Annual Meeting, Washington, DC. March 5, 1995.
251. Invited Speaker: Bone Grafting Skeletal Defects in Craniomaxillofacial Surgery. Grand Rounds, Department of Otolaryngology/Head and Neck Surgery, Georgetown University Medical Center, Washington, DC. March 2, 1995.
252. Invited Speaker: Pediatric Craniomaxillofacial Surgery. About Face Group of the Greater Washington Metropolitan Region Monthly Meeting, Washington, DC. February 26, 1995.
253. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Division of Plastic Surgery Core Curriculum. Georgetown University Medical Center, Washington, DC. February 16, 1995.
254. Invited Speaker: Cleft Lip and Palate: Diagnosis, Treatment and Staging of Reconstruction. Oral and Maxillofacial Review Course, United States Naval Hospital, Bethesda, Maryland. February 9, 1995.
255. Invited Speaker: Soft Tissue Reconstruction of Benign Head and Neck Tumors in Children. American Association of Oral and Maxillofacial Surgeons, Mid-Winter Meeting, Orlando, Florida. February 4, 1995.
256. Invited Speaker: Dentofacial Deformities: Diagnosis and Treatment, Part II. Division of Plastic Surgery Core Curriculum, Georgetown University Medical Center, Washington, DC. February 2, 1995.



257. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. Department of Oral and Maxillofacial Surgery Core Curriculum, Georgetown University Medical Center, Washington, DC. February 1, 1995.
258. Invited Speaker: Dentofacial Deformities: Diagnosis and Treatment, Part I. Division of Plastic Surgery Core Curriculum, Georgetown University Medical Center, Washington, DC. January 26, 1995.
259. Invited Speaker: A Skull Based Approach for Managing the Midface Deformity and Craniofacial Dysostosis Syndromes. Third Rotterdam International Skull Base Day: Anterior Skull Base Lesions, Rotterdam, the Netherlands. January 21, 1995.
260. Invited Speaker: (1) Evaluation, Diagnosis and Treatment of Hemifacial Microsomia, (2) Evaluation, Diagnosis and Treatment of Binder Syndrome, (3) Orthognathic Surgery: Long-Term Functional and Aesthetic Results. School of Dentistry, University of Puerto Rico. January 17-18, 1995.
261. Invited Speaker: (1) Treacher Collins Syndrome: A Staged Reconstructive Approach, (2) Hemifacial Microsomia: Staging of Reconstruction, (3) Cleft-Orthognathic Surgery: Long-Term Results, (4) Quantitative CT Scan Assessment in Craniosynostosis and Craniofacial Dysostosis Syndromes. Bauru International Craniofacial Congress, Bauru Rehabilitation Hospital, University of Sao Paulo, Brazil. December 5-7, 1994.
262. Invited Speaker: (1) Refinements in Cleft-Orthognathic Surgery, (2) Vertical and Horizontal Deformities of the Facial Skeleton, (3) Altering the Neck-Chin Angle for the Correction of Dentofacial Deformities. Aesthetic Surgery of the Facial Skeleton, Foundation Ramon Arecas, Madrid, Spain. November 24, 1994.
263. Invited Speaker: Cleft Lip and Palate: Staging of Reconstruction. The Greater Washington Orthodontic Study Club, Bethesda, Maryland. November 16, 1994.
264. Invited Speaker: Recent Advances in Craniomaxillofacial Surgery. Grand Rounds, Prince George's Hospital, Cheverly, Maryland, November 9, 1994.
265. Invited Speaker: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis for Evaluation and Treatment. Core Curriculum Course in Plastic Surgery, Plastic Surgery Education Foundation, Chicago, Illinois. November 6, 1994.
266. Invited Professor: Treacher Collins Syndrome: A Staged Reconstructive Approach. Queen Elizabeth and Children's Hospital, Birmingham, England. November 1, 1994.
267. Invited Speaker: Treacher Collins Syndrome: A Staged Reconstructive Approach. Royal College of Surgeons and Physicians, T.C. White Invitation Lecture 1994, Glasgow, Scotland. October 27, 1994.

268. Invited Speaker: Cleft-Orthognathic Surgery: Surgical Techniques and Long-Term Results. INOVA Health System Educational Program, Craniomaxillofacial Surgery Symposium, Falls Church, Virginia. October 22, 1994.
269. Invited Panelist: The Management of Both Simple and Complex Soft Tissue Injuries of the Face. American College of Surgeons, Annual Clinical Congress, Chicago, Illinois. October 13, 1994.
270. Invited Speaker: Recent Advances in Craniomaxillofacial Surgery. Maryland State Society of Orthodontists, Quarterly Meeting, Columbia, Maryland. October 12, 1994.
271. Invited Speaker: Cleft-Orthognathic Surgery: Surgical Techniques and Long-Term Results. Scottish Rite Children's Medical Center, The 7th Annual Cleft Lip and Palate Symposium, Atlanta, Georgia. October 7, 1994.
272. Instructional Course: Cleft-Orthognathic Surgery: Surgical Technique and Long-Term Results. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Educational Foundation, 63rd Annual Meeting, San Diego, California. September 28, 1994.
273. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons/Plastic Surgery Educational Foundation, 63rd Annual Meeting, San Diego, California. September 27, 1994.
274. Invited Speaker: Staging of Reconstruction for Cleft Lip and Palate. Grand Rounds, Department of Pediatrics, the Hospital for Sick Children, Washington, DC. August 1994.
275. Invited Speaker: (1) Pediatric Head and Neck Tumors, (2) Pediatric Craniomaxillofacial Trauma, (3) Complex Orthognathic Deformities. Brazilian Congress of Maxillofacial Surgery, Rio de Janeiro, Brazil. August 10-12, 1994.
276. Invited Faculty: Dentofacial Analysis for the Correction of Orthognathic Deformities. American Society of Maxillofacial Surgeons/Plastic Surgery Educational Foundation, Basic Maxillofacial Principles Course, Charlottesville, VA. August 6, 1994.
277. Invited Speaker: A Current Approach to Pediatric Craniomaxillofacial Problems. Grand Rounds, Department of Pediatrics, Anne Arundel Hospital, Annapolis, Maryland. June 21, 1994.
278. Invited Speaker: (1) Pediatric Craniofacial Trauma, (2) Management of the Midface Disorder in Craniofacial Dysostosis Syndromes, (3) Pediatric Head and Neck Tumors. First South American Meeting of Craniofacial Surgery, Galapagos Island, Ecuador. June 15-18, 1994.

279. Co-Chair, The Great Debate: Resolved: That the Clinton Administration's Proposal for the Health Security Act is the Most Effective Way to Deliver CLP treatment. American Cleft Palate-Craniofacial Association, 51st Annual Meeting, Toronto, Ontario. May 20, 1994.
280. Study Session: Quantitative Analysis of Craniofacial Deformities and Assessment of Surgical Results: Based on CT Scans. American Cleft Palate-Craniofacial Association, 51st Annual Meeting, Toronto, Ontario. May 19, 1994.
281. Study Session: Craniofacial dysostosis: Staging of Reconstruction and Management of the Midface Deformity. American Cleft Palate-Craniofacial Association, 51st Annual Meeting, Toronto, Ontario. May 19, 1994.
282. Invited Speaker: (1) Management of the Cleft Alveolar Defect, (2) Cleft-Orthognathic Surgery: Long-Term Results. American Society of Maxillofacial Surgeons/Plastic Surgery Educational Foundation/American Cleft Palate-Craniofacial Association, International Symposium on Surgical Techniques in Cleft Lip and Palate: Solving Difficult Problems. Dallas, Texas. April 16-17, 1994.
283. Invited Speaker: Table Clinic: Dental Aspects of Cleft Lip and Palate Care. District of Columbia Dental Society, 62nd Annual Spring Meeting, Washington, DC. April 15, 1994.
284. Invited Speaker: Diagnosis and Repair of Craniofacial Malformations. Department of Obstetrics and Gynecology, Annual post-graduate review course in obstetrics and gynecology, Georgetown University Medical Center, Washington, DC. April 14, 1994.
285. Invited Speaker: (1) Management of the Alveolar Cleft, (2) Cleft-Orthognathic Surgery. The Maryland Society for Cleft Lip and Palate Children, Johns Hopkins University, Baltimore, Maryland. April 9, 1994.
286. Invited Speaker: Cleft Lip and Palate: A Staged Reconstructive Approach. Grand Rounds, Department of Pediatrics, Georgetown University Medical Center, Washington, DC. April 1, 1994.
287. Invited Speaker: The Post-Operative Care of Craniofacial Patients. Pediatric Intensive Care Unit, Georgetown University Medical Center, Washington, DC. March 22, 1994.
288. Invited Speaker: A Team Approach to Complex Pediatric Problems. Department of Pediatrics, Georgetown University Medical Center, Washington, DC. March 22, 1994.
289. Chairman: (1) Management of the Alveolar Defect in the Cleft Patient, (2) Recent Advances in Craniofacial Surgery. Orthodontic/Cleft/Craniofacial Symposium, Georgetown Craniofacial Center and American Cleft Palate-Craniofacial Association, Washington, DC. March 19, 1994.

290. Invited Speaker: Pediatric Craniofacial Surgery. DC Metro Dental Study Club, Washington, DC. March 16, 1994.
291. Invited Speaker: Recent Advances in Pediatric Craniomaxillofacial Surgery. Grand Rounds, Department of Obstetrics, Columbia Hospital for Women, Washington, DC. March 15, 1994.
292. Guest Speaker: Craniosynostosis and the Craniofacial Dysostosis Syndromes (Crouzon and Apert). Resident Teaching Conference at Georgetown, National Capital Training Program in Plastic Surgery, Washington, DC. March 10, 1994.
293. Visiting Professor: (1) Cleft-Orthognathic Surgery, (2) Alveolar Bone Grafting in Cleft Patients, (3) Pediatric Facial Trauma, (4) Pediatric Head and Neck Tumors, (5) Craniosynostosis: Treatment in Infancy, (6) Craniofacial Dysostosis Syndrome: Management of the Midface Deformity. The University of Puerto Rico School of Medical Sciences, San Juan, Puerto Rico. March 1-3, 1994.
294. Invited Speaker: (1) Craniosynostosis and Craniofacial Dysostosis Syndromes: Treatment in Infancy and Early Childhood, (2) Craniofacial Dysostosis syndromes: Treatment of the Midface Deformity, (3) Pediatric Craniomaxillofacial Trauma: Evolving Patterns of Treatment, (4) Pediatric Head and Neck Tumors: A Craniofacial and Microsurgical Approach. Oral and Maxillofacial Surgery, Department of Dentistry, Semi-Annual Lecture Series, Montefiore Medical Center, New York, New York. February 5, 1994.
295. Invited Speaker: Orthognathic Surgery: Long-Term Results. Baltimore City Dental Association, Towson, Maryland. January 25, 1994.
296. Invited Speaker: Craniofacial Dysostosis: Ophthalmologic Sequela. Grand Rounds, Department of Ophthalmology, Georgetown University Medical Center, Washington, DC. January 14, 1994.
297. Invited Speaker: (1) Pediatric Craniofacial Surgery, (2) Pediatric Critical Care Surgery. Department of Pediatric Nursing Services, Georgetown University Medical Center, Washington, DC. January 14, 1994.
298. Invited Speaker: Perinatal Craniofacial Problems. Grand Rounds, Neonatal Intensive Care Services, Georgetown University Medical Center, Washington, DC. December 20, 1993.
299. Invited Speaker: Grand Advances in Craniofacial Surgery. Greater Laurel Beltsville Hospital, Beltsville, Maryland. December 2, 1993.
300. Invited Speaker: Facial Plastic Surgery. Kiwanis Club of Maryland and Virginia. December 1, 1993.

301. Invited Speaker: Treacher Collins Syndrome: A Staged Reconstructive Approach. Treacher Collins Foundation, Annual Meeting, Alexandria, Virginia. November 21, 1993.
302. Invited Speaker: (1) Pediatric Orbital Trauma, (2) Treatment of Mandibular Fractures in Children. American Society of Maxillofacial Surgeons and Plastic Surgery Education Foundation, Recent Advances in Craniomaxillofacial Trauma Symposium, Dallas, Texas. November 19, 1993.
303. Invited Lecturer: (1) Management of Pediatric Maxillofacial Fractures, (2) Cleft-Orthognathic Surgery, (3) Monobloc and Facial Bipartition Osteotomies, (4) Craniosynostosis: Treatment in Infancy, (5) Pediatric Tumors involving the Orbit, (6) Syndromal Orthognathic Surgery. Division of Oral and Maxillofacial Surgery, Bone Plating Symposium, Northwestern University Dental School, Chicago, Illinois. November 12-13, 1993.
304. Invited Speaker: Basic Principles for Analysis and Treatment, (1) Dentofacial Deformities: (2) Craniofacial Anomalies: Syndromes and Surgery. Plastic Surgery Education Foundation, Core Curriculum Course, Chicago, Illinois. November 11, 1993.
305. Invited Speaker: Pediatric Craniofacial Surgery. The Washington Dental Study Club, Washington, DC. October 20, 1993.
306. Invited Speaker: (1) The Bilateral Lip Deformity, (2) The Alveolar Cleft, (3) Cleft Jaw Deformities, (4) Pediatric Craniofacial Surgery. American Society of Plastic and Reconstructive Surgery and Plastic Surgery Educational Foundation, Pediatric Plastic Surgery Symposium, Philadelphia, Pennsylvania. October 14-16, 1993.
307. Invited Speaker: New Technologies in Craniofacial Surgery. Science Writers Forum, Georgetown University Medical Center, Washington, DC. September 27, 1993.
308. Invited Speaker: Pediatric Craniofacial Patient Care: Grand Rounds, Pediatric Nursing Service, Georgetown University Medical Center, Washington, DC. September 23, 1993.
309. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgery, 62nd Annual Scientific Meeting, New Orleans, Louisiana. September 22, 1993.
310. Instructional Course: Cleft Orthognathic Surgery. American Society of Plastic and Reconstructive Surgery, 62nd Annual Scientific Meeting, New Orleans, Louisiana. September 20, 1993.
311. Invited Speaker: Pediatric Head and Neck Tumors and Facial Trauma. Department of Pediatrics, Arlington Hospital, Arlington, Virginia. September 17, 1993.

312. Invited Speaker: Recent Advances in Pediatric Craniomaxillofacial Surgery. Grand Rounds, Department of Anesthesia, Georgetown University Medical Center, Washington, DC. August 4, 1993.
313. Invited Speaker: Recent Advances in Pediatric Craniomaxillofacial Surgery. The Hospital for Sick Children, Washington, DC. July 22, 1993.
314. Invited Speaker: (1) Pediatric Head and Neck Tumors, (2) Orthognathic Surgery, (3) Treatment of Craniosynostosis, (4) Management of the Midface Deformity and Craniofacial Dysostosis. Brasilian Society of Plastic Surgeons, Multidisciplinary Symposium in the Treatment of Craniofacial Deformities, Sao Paulo, Brazil. July 2-3, 1993.
315. Invited Speaker: Treacher Collins Syndrome: A Staged Reconstructive Approach. International Symposium on Comprehensive Management of Craniofacial Anomalies: Isolated Forms of Craniosynostosis, Cleft Orthognathic Surgery, Indications for Monobloc and Facial Bipartition Osteotomies. University of Aarhus, Denmark, June 12-13, 1993.
316. Invited Speaker: Complex Craniofacial Surgery. University of Toronto, Pediatric Neurosurgery Symposium, Toronto, Ontario. May 21, 1993.
317. Invited Speaker: Basic Craniofacial Surgical Principles. Walter Reed Army Medical Center, Washington, DC. May 19, 1993.
318. Invited Speaker: Topics Related to Pediatric Craniomaxillofacial Surgery. Connecticut Society of Oral/Maxillofacial Surgeons, 27th Annual Education Symposium, Fairfield University, Fairfield, Connecticut. April 28, 1993.
319. Invited Speaker: Selected Topics in Cleft Lip and Palate Surgery. Grand Rounds, Department of Pediatrics, the Arlington Hospital, Arlington, Virginia. April 27, 1993.
320. Teaching Session: Quantitative Analysis of Craniofacial Deformities and Assessment of Surgical Results: Based on CT Scan. American Cleft Palate-Craniofacial Association, 50th Anniversary Meeting, Pittsburgh, Pennsylvania. April 22, 1993.
321. Teaching Session: Craniofacial Dysostosis: Staging of Reconstruction and Management of the Midface Deformity. American Cleft Palate-Craniofacial Association, 50th Anniversary Meeting, Pittsburgh, Pennsylvania. April 22, 1993.
322. Invited Speaker: The Management of Pediatric Craniomaxillofacial Trauma. Grand Rounds, Department of Emergency Medicine, Georgetown University Medical Center, Washington, DC. April 14, 1993.
323. Invited Faculty: Dentofacial Deformities and Orthognathic Surgery. American Society of Plastic and Reconstructive Surgeons and Plastic Surgery Education Foundation, Basic

- Maxillofacial Principles Course, Boston, Massachusetts. April 8, 1993.
324. Invited Speaker: The Use of CT Scanning in the Evaluation and Treatment of Craniofacial Malformation. Grand Rounds, Department of Radiology, Georgetown University Medical Center, Washington, DC. March 30, 1993.
  325. Invited Speaker: The Treatment of Pediatric Malformations in Childhood. Grand Rounds, Department of Pediatrics, The Arlington Hospital, Arlington, Virginia. March 30, 1993.
  326. Invited Speaker: Recent Refinements in Pediatric Craniofacial Surgery. The Surgical Club of Wisconsin, Washington, DC. March 30, 1993.
  327. Invited Speaker: (1) Pediatric Craniofacial Surgery, (2) Orthognathic Surgery: Long-Term Functional and Aesthetic Results. The Alpha Omega Society Quarterly Seminary, Washington, DC. March 23, 1993.
  328. Invited Speaker: Altered Velopharyngeal Function in the Cleft Patient. The New Hampshire Cleft Palate Team, Annual Meeting, Manchester, New Hampshire. March 12, 1993.
  329. Invited Speaker: Dentofacial Deformities: Basic Principles and Surgical Techniques. Division of Plastic and Reconstructive Surgery, Walter Reed Army Medical Center, Washington, DC. March 10, 1993.
  330. Invited Lecturer: The treatment of orthognathic deformities: Long-Term Functional and Aesthetic Results. Washington Orthodontic Study Club, Washington, DC. March 9, 1993.
  331. Invited Speaker: Pediatric Craniomaxillofacial Surgery. Grand Rounds, Department of Maternal Medicine, Georgetown University Medical Center, Washington, DC. March 5, 1993.
  332. Invited Lecturer: Management of Cleft Lip and Palate. Naval Dental School, Board Review Course, National Naval Dental Center, Bethesda, Maryland. February 11, 1993.
  333. Invited Lecturer: Pediatric Craniomaxillofacial Surgery. Grand Rounds, Department of Surgery, Georgetown University Medical Center, Washington, DC. December 19, 1992.
  334. Invited Speaker: Cleft-Orthognathic Surgery: Refinements in Technique and Long-Term Results. Division of Oral and Maxillofacial Surgery, Washington Hospital Center, Washington, DC. November 24, 1992.
  335. Invited Speaker: Upper Face Asymmetry in Children and Young Adults. Third Annual Penn Symposium on Orthognathic Surgery: Facial Asymmetry, University of

Pennsylvania, Philadelphia, Pennsylvania. November 13, 1992.

336. Invited Lecturer: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Basic Principles. Plastic Surgery Education Foundation, Core Curriculum Course, Chicago, Illinois. November 6, 1992.
337. Invited Speaker: (1) Monobloc Osteotomy for Craniofacial Dysostosis, (2) Cleft-Orthognathic Surgery: Long-Term Results. American Society of Plastic and Reconstructive Surgeons, Plastic Surgery Education Foundation, and American Society of Craniofacial Surgeons, International Symposium on Craniofacial Surgery, Chicago, Illinois. October 22, 1992.
338. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons and Plastic Surgery Education Foundation, 61st Annual Scientific Meeting, Washington, DC. September 23, 1992.
339. Instructional Course: Cleft-Orthognathic Surgery. American Society of Plastic and Reconstructive Surgeons and Plastic Surgery Educational Foundation, 61st Annual Scientific Meeting, Washington, DC. September 21, 1992.
340. Visiting Professor: (1) Management of Pediatric Head and Neck Tumors, (2) Management of Cleft Jaw Deformities. New York Institute of Reconstructive Surgery, New York University, New York. June 9, 1992.
341. Study Session: Quantitative Analysis of Craniofacial Deformities and Assessment of Surgical Results: Based on CT Scans. American Cleft Palate-Craniofacial Association, 49th Annual Meeting, Portland, Oregon. May 1992.
342. Study Session: Craniofacial Dysostosis: Staging of Reconstruction and Management of the Midface Deformity. American Cleft Palate-Craniofacial Association, 49th Annual Meeting, Portland, Oregon. May 1992.
343. Symposium Co-Chair: Cleft and Craniofacial Patient Management during the First Year of Life: Starting off on the right foot. American Cleft Palate-Craniofacial Association, 49th Annual Meeting, Portland, Oregon. May 1992.
344. Visiting Professor: (1) Craniosynostosis: Management in Infancy, (2) Craniofacial Dysostosis: The Midface Deformity, (3) Pediatric Craniofacial Trauma, (4) Pediatric Head and Neck Tumors. Division of Plastic Surgery, University of the Witwatersrand, Johannesburg, South Africa. April 10, 1992.
345. Visiting Professor: (1) Management of the Alveolar Cleft, (2) Cleft Lip and Palate Speech Problems, (3) Velopharyngeal Function and Surgical Management, (4) Le Fort I Advancement and Velopharyngeal Function, (5) The Cleft Jaw Deformity: UCLP, (6) The Cleft Jaw Deformity: BCLP, (7) The Cleft Jaw Deformity: ICP. Division of Plastic



- Surgery, University of the Witwatersrand, Johannesburg, South Africa. April 9, 1992.
346. Visiting Professor: Craniosynostosis: An Approach to Management in Infancy and Early Childhood. Division of Plastic Surgery, Grooie Schuur, University of Cape Town, South Africa. April 8, 1992.
  347. Visiting Professor: (1) Dentofacial deformities: Principles for Analysis and Treatment, (2) Cleft-Orthognathic surgery: UCLP Deformity, (3) Cleft-Orthognathic Surgery: BCLP Deformity, (4) Craniofacial Dysostosis: Management of the Midface Deformity, (5) Pediatric Head and Neck Tumors: A Craniofacial Approach. University of Stellenbosch, Tygerberg Hospital, Cape Town, South Africa. April 8, 1992.
  348. Lecturer: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis and Treatment. Division of Plastic Surgery, 18th Annual Plastic Surgery Review Course, Northwestern University, Chicago, Illinois. November 8, 1991.
  349. Visiting Professor: Craniofacial Surgery Past, Present and Future. Grand Rounds, Department of Surgery, Vanderbilt Medical Center, Nashville, Tennessee. November 2, 1991.
  350. Visiting Professor: Cleft-Orthognathic Surgery: Recent Advances and Refinements. Department of Oral and Maxillofacial Surgery, Vanderbilt Medical Center, Nashville, Tennessee. November 2, 1991.
  351. Visiting Professor: (1) Dentofacial Deformities: Analysis and Treatment, (2) Surgical Management of Craniosynostosis. Department of Plastic and Reconstructive Surgery, Vanderbilt Medical Center, Nashville, Tennessee. November 1, 1991.
  352. Invited Speaker: (1) Cleft Orthognathic Surgery: A New Approach to an Old Problem, (2) Management of Skeletal Deformity in Craniofacial Dysostosis Syndromes. Federation of Cleft Palate Teams of Pennsylvania, Annual Meeting, Hershey, Pennsylvania. October 19, 1991.
  353. Invited Professor: Pediatric Head and Neck Tumors and their Management. Division of Plastic Surgery, Milton S. Hershey Medical Center, Hershey, Pennsylvania. October 18, 1991.
  354. Teaching Course: A Craniofacial Approach to Solving Craniofacial Surgery. American Association of Oral and Maxillofacial Surgeons, 73rd Annual Meeting and Scientific Sessions, Chicago, Illinois. September 27, 1991.
  355. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic and Reconstructive Surgeons and Plastic Surgery Education Foundation, 60th Annual Scientific Meeting, Seattle, Washington.

September 24, 1991.

356. Instructional Course: Orthognathic surgery in the cleft patient. American Society of Plastic and Reconstructive Surgeons and Plastic Surgery Education Foundation, 60th Annual Scientific Meeting, Seattle, Washington. September 23, 1991.
357. Residents Lecture Series: Craniosynostosis and Craniofacial Dysostosis. Division of Plastic Surgery, University of Toronto, Toronto, Ontario. September 19, 1991.
358. Residents Lecture Series: 1) Congenital Craniofacial Anomalies. 2) Dentofacial Deformities: Basic Concepts for Analysis and Treatment. Division of Plastic Surgery, University of Toronto, Toronto, Ontario. September 10, 1991.
359. Invited Speaker: Recent Advances in Pediatric Craniomaxillofacial Surgery. American Academy of Aesthetic Dentistry, Annual Meeting, Santa Barbara, California. August 7-10, 1991.
360. Resident Seminar: Fundamentals of Craniofacial Anomalies. Department of Surgery, the Hospital for Sick Children, Toronto, Ontario. July 24, 1991.
361. Visiting Professor: (1) Fetal Bone Healing: Application to the Post-Nasal Wound, (2) Recent Advances in Craniofacial Surgery. Department of Plastic Surgery, the University of Kyoto, Kyoto, Japan. June 21, 1991.
362. Visiting Professor: (1) Fetal Bone Healing: Development of an Experimental Model, (2) Refinements in the Monobloc Osteotomy for Correction of Midface Deformities. Department of Plastic Surgery, the University of Tokyo, Tokyo, Japan. June 19, 1991.
363. Grand Rounds: Fetal Bone Healing in Utero: Research Update. Division of Plastic Surgery, the Hospital for Sick Children, Toronto, Ontario. May 15, 1991.
364. Grand Rounds: Radiologic Applications to Pediatric Craniofacial Surgery. Department of Radiology, the Hospital for Sick Children, Toronto, Ontario. May 13, 1991.
365. Invited Speaker: Plastic Surgery for Down Syndrome. Craniofacial Research and Treatment Center Lecture Series, the Hospital for Sick Children, Toronto, Ontario. May 13, 1991.
366. Invited Participant: Craniofacial Surgery. Cleft Palate-Craniofacial Consensus Conference, Pittsburgh, Pennsylvania. May 2-5, 1991.
367. Visiting Professor: (1) Craniofacial Synostosis: Treatment in Infancy and Early Childhood, (2) Craniofacial Dysostosis: Management of Midface Deformity. Department of Plastic Surgery, Chinese Academy of Medical Sciences, Beijing, China. April 13-15, 1991.

368. Chairperson/Session: Recent Advances in Cleft Palate Care. 2nd Asian Pacific Cleft Lip & Palate Conference, Taipai, Taiwan. April 10, 1991.
369. Invited Speaker: Plastic Surgery in Down Syndrome. Division of Plastic Surgery, the Hospital for Sick Children, Toronto, Ontario. April 2, 1991.
370. Teaching Course: Craniofacial dysostosis: Staging of Reconstruction and Management of the Midface Deformity. American Cleft Palate-Craniofacial Association, 48th Annual Meeting, Hilton Head, South Carolina. March 20, 1991.
371. Co-Chair/Videotape Forum Session. American Cleft Palate-Craniofacial Association, 48th Annual Meeting, Hilton Head, South Carolina. March 17, 1991.
372. Invited Speaker: Plastic Surgery in Down's Syndrome. Down's Syndrome Health Care Conference, San Diego, California. March 16, 1991.
373. Instructional Faculty: Dentofacial Deformities and Orthognathic Surgery. American Society of Maxillofacial Surgeons and Plastic Surgery Education Foundations, Basic Maxillofacial Principles Course, Toledo, Ohio. March 7-9, 1991.
374. Invited Speaker: Craniomaxillofacial Surgery: An Overview. Graduate Department of Orthodontics and Pedodontics, Faculty of Dentistry, University of Toronto, Toronto, Ontario. February 1, 1991.
375. Invited Professor: (1) Craniofacial Synostosis: Management of the Midface Deformity, (2) Pediatric Head and Neck Tumors: A Craniofacial Approach. Craniofacial Surgery Symposium, University Hospital, Saint-Pieter, Leuven, Belgium. January 26, 1991.
376. Grand Rounds: Cranio-Orbital Surgery in Childhood. Department of Ophthalmology, the Hospital for Sick Children, Toronto, Ontario. January 16, 1991.
377. Grand Rounds: Recent Advances in Pediatric Cranio-Maxillofacial Surgery. Department of Ophthalmology, Mount Sinai Hospital, Toronto, Ontario. December 5, 1990.
378. Lecturer: (1) Craniofacial Deformities: Syndromes and Surgery, (2) Dentofacial Deformities: Analysis and Treatment. Department of Plastic Surgery, 17th Annual Plastic Surgery Review Course, Northwestern University, Chicago, Illinois. November 9, 1990.
379. Invited Speaker: (1) The Team Approach to the Bilateral Cleft Deformity: Integrated Surgical, Speech and Orthodontic Care, (2) The Team Approach to the Unilateral Cleft Deformity: Integrated Surgical, Speech and Orthodontic Care. University of Tennessee, 2nd Biennial Symposium on Cleft Care, Knoxville, Tennessee. October 27, 1990.
380. Instructional Course: Current Surgical Management of Craniosynostosis and Craniofacial Dysostosis. American Society of Plastic & Reconstructive Surgeons, 59th Scientific

Meeting, Boston, Massachusetts. October 25, 1990.

381. Instructional Course: Orthognathic Surgery in the Cleft Patient. American Society of Plastic & Reconstructive Surgeons, 59th Scientific Meeting, Boston, Massachusetts. October 22, 1990.
382. Teaching Course: Management of Skeletal Dysplasia, Malocclusion and Speech Problems in the Cleft Lip/Palate Patient. American Association of Oral and maxillofacial Surgeons, 71st Annual Meeting, New Orleans, Louisiana. September 29, 1990.
383. Teaching Course: A Craniofacial Approach to Managing Craniomaxillofacial Deformities. American Association of Oral and Maxillofacial Surgeons, 71st Annual Meeting, New Orleans, Louisiana. September 19, 1990.
384. Invited Speaker: Role of CT Scanning, Cranial Bone Grafting and Rigid Fixation in Pediatric Craniomaxillofacial Surgery. Craniofacial Symposium, American Association of Oral and Maxillofacial Surgery, 72nd Meeting, New Orleans, Louisiana. September 13, 1990.
385. Visiting Professor: Craniosynostosis and Craniofacial Dysostosis: Timing and Staging of Reconstruction. Faculty of Dentistry, University of Minnesota, Minneapolis, Minnesota. August 24, 1990.
386. Visiting Professor: (1) Cleft Orthognathic Surgery: A Combined Orthognathic and Surgical Approach, (2) Craniosynostosis and Craniofacial Dysostosis: Recent Advances. Faculty of Dentistry, Case Western Reserve, Cleveland, Ohio. June 12, 1990.
387. Invited Lecturer: TMJ Disorders and Orthognathic Deformities. American Society of Maxillofacial Surgeons and Plastic Surgery Education Foundation, Toronto, Ontario. May 23-26, 1990.
388. Teaching Course: Unilateral Cleft Lip and Palate: The Integrated Surgical and Orthodontic Approach to Completion of Treatment. American Cleft Palate-Craniofacial Association, St. Louis, Missouri. May 16, 1990.
389. Symposium Co-Chairman: Cleft Lip and Palate Specialty Session. American Cleft Palate-Craniofacial Association, St. Louis, Missouri. May 16, 1990.
390. Teaching Course: Bilateral Cleft Lip and Palate: The Integrated Surgical and Orthodontic Approach to Completion of Treatment. American Cleft Palate-Craniofacial Association, St. Louis, Missouri. May 16, 1990.
391. Grand Rounds: Membranous Bone Grafting in Pediatric Craniomaxillofacial Surgery: A Prospective Study. Department of Surgery, Faculty of Medicine, University of Toronto,

- Toronto, Ontario. May 11, 1990.
392. Visiting Professor: Management of Jaw Deformities in Cleft Patients. University of Rochester, School of Medicine & Dentistry, Rochester, New York. April 17, 1990.
  393. Invited Speaker: Recent Advances in the Management of Pediatric Cranio-Maxillo-Facial Surgery. Operating Room Nurses Association of Canada, Toronto, Ontario. April 4, 1990.
  394. Invited Speaker: The Spectrum of Craniosynostosis and Craniofacial Dysostosis. Graduate Department of Orthodontics and Oral-Maxillofacial Surgery, Faculty of Dentistry, University of Toronto, Toronto, Ontario. March 8, 1990.
  395. Invited Professor: (1) Cranial Bone Grafting: Resorptive Patterns in Experimental Studies and Clinical Applications, (2) Current Approach to the Management of Craniosynostosis. Department of Dentistry, National Naval Medical Center, Bethesda, Maryland. February 23, 1990.
  396. Invited Speaker: Bone Grafting in Craniofacial Surgery. Division of Plastic Surgery, University of Toronto, Toronto, Ontario. February 17, 1990.
  397. Invited Speaker: The Role of Plate and Screw Fixation in the Management of Pediatric Facial Trauma. Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, University of Toronto, Toronto, Ontario. January 31, 1990.
  398. Lecturer: (1) Craniofacial Anomalies: Syndromes and Surgery, (2) Dentofacial Deformities: Basic Principles for Analysis and Treatment. Department of Plastic Surgery, 16th Annual Plastic Surgery Review Course, Northwestern University, Chicago, Illinois. November 29, 1989.
  399. Invited Speaker: Update in Pediatric Cranio-Maxillofacial Trauma. Trauma Committee, Department of Surgery, the Hospital for Sick Children, Toronto, Ontario. November 14, 1989.
  400. Invited Speaker: Basic Concepts in Craniofacial Surgery. Nursing Service, the Hospital for Sick Children, Toronto, Ontario. November 3, 1989.
  401. Instructional Course: The Management of Skeletal Dysplasia, Malocclusion and Residual Oral Nasal Fistula in the Post-Pubertal Cleft Patient. American Association of Oral and Maxillofacial Surgeons, San Francisco, California. November 1, 1989.
  402. Resident Seminar: Predicting Occlusion in Facial Osteotomies. Division of Plastic Surgery, Department of Surgery, University of Toronto, Toronto, Ontario. October 23, 1989.

403. Teaching Course: A Craniofacial Approach to Solving Craniomaxillofacial Problems. American Association of Oral and Maxillofacial Surgeons, San Francisco, California. September 23, 1989.
404. Invited Speaker: Cranial Bone Grafts: Patterns of Bone Graft Resorption. Canadian Association of Oral and Maxillofacial Surgeons, 1st Annual Meeting, Montreal, Quebec. September 15, 1989.
405. Teaching Course: Recent Advances in Craniofacial Surgery. The International Association of Surgeons, 33rd World Congress of Surgery Meeting, Toronto, Ontario. September 12, 1989.
406. Invited Speaker: (1) Pediatric Facial Fractures: The Role of Plate and Screw Fixation. (2) Craniofacial Malformation: The Role of Plate Screw Fixation. (3) Orthognathic Surgery in the Cleft Patient: The Role of Plate and Screw Fixation. (4) Pediatric Head and Neck Tumors: The Role of Plate and Screw Fixation. Rigid Fixation Course, Division of Plastic Surgery, University of Toronto, Toronto, Ontario. September 10-12, 1989.
407. Teaching Course: (1) The Management of Jaw Deformities, Malocclusion and Residual Fistulas in Post-Pubertal Cleft Patients. (2) The Management of Craniosynostosis and Craniofacial Dysostosis. (3) A Craniofacial Approach to the Reconstruction of the Head and Neck Tumors in Childhood. 6th International Congress on Cleft Palate, Jerusalem, Israel. June 19-21, 1989.
408. Teaching Course: Velopharyngeal Insufficiency: The Use of Diagnostic Information for Effective Evaluation. Canadian Association of Speech-Language Pathologists and Audiologists, 25th Annual Meeting, Toronto, Canada. May 13, 1989.
409. Invited Speaker: Application of Cranial Bone Grafts in Craniofacial Reconstruction. American Cleft Palate-Craniofacial Association, 46th Annual Meeting, San Francisco, California. April 28, 1989.
410. Invited Speaker: Craniofacial Surgery: Planned and Surgical Execution. Operating Room Nurses Seminar, the Hospital for Sick Children, Toronto, Ontario. April 12, 1989.
411. Invited Speaker: Team Approach to the Management of Craniofacial Anomalies in the Operating Room. Association of Operating Room Nurses of Ontario, Hospital for Sick Children, Toronto, Ontario. April 4, 1989.
412. Invited Speaker: Pediatric Head and Neck Tumors. Department of Orthodontics, Oral and Maxillofacial Surgery, Faculty of Dentistry, University of Toronto, Toronto, Ontario. April 1, 1989.
413. Visiting Professor: A Craniofacial Approach to the Management of Pediatric Head and Neck Tumors. The Scottish Rite Children's Hospital, Emory University, Atlanta,

Georgia. March 17, 1989.

414. Invited Speaker: Orthognathic Surgery in Patients with Clefts. Department of Orthodontics and Maxillofacial Surgery, Faculty of Dentistry, University of Toronto, Toronto, Ontario. March 1, 1989.
415. Invited Speaker: Craniomaxillofacial Trauma. Trauma Care Committee, Department of Surgery, The Hospital for Sick Children, Toronto, Ontario. February 21, 1989.
416. Invited Speaker: Craniomaxillofacial Surgery as it Effects on Speech and Language. Graduate Department of Speech Pathology, University of Toronto, Toronto, Ontario. February 13, 1989.
417. Invited Speaker: Craniofacial Anomalies and Syndromes. Department of Orthodontic and Pediatric Dentistry, Faculty of Dentistry, University of Toronto, Toronto, Ontario. February 2, 1989.
418. Invited Speaker: Overview of Craniofacial Syndromes. About Face Parents Teaching Seminar, Toronto, Ontario, January 14, 1989.
419. Invited Speaker: Crouzon, Apert and other Craniosynostosis Syndromes: Diagnosis and Management. Department of Orthodontic and Pediatric Dentistry, University of Toronto, Toronto, Ontario. January 1989.
420. Invited Speaker: Orthognathic Surgery in the Cleft Patient. Department of Orthodontics and Pedontics, Faculty of Dentistry, University of Toronto, Toronto, Ontario. November 25, 1988.
421. Lecturer: Craniofacial Anomalies a Surgical Perspective. Department of Plastic Surgery, 15th Annual Plastic Surgery Review Course, Northwestern University, Chicago, Illinois. November 5, 1988.
422. Invited Speaker: Management of Craniofacial Anomalies in Childhood. Ontario Pediatric Dental Association, Annual Meeting, Toronto, Ontario. October 27, 1988.
423. Surgical Residents Teaching Conference.: Craniofacial Anomalies and Surgical Treatment. Department of Surgery, The Hospital for Sick Children, Toronto, Ontario. October 19, 1988.
424. Visiting Professor: (1) Advances in the Treatment of Craniosynostosis, (2) The Management of Head and Neck Tumors. Department of Plastic Surgery, Brown University, Providence, Rhode Island, September 30, 1988.
425. Visiting Professor: The Management of Jaw Deformities and Unilateral Cleft Lip and Palate Patients. Department of Plastic and Reconstructive Surgery, Massachusetts

- General Hospital, Boston, Massachusetts. September 29, 1988.
426. Invited Speaker: Management of Mandibular Fractures. Trauma Care Committee, Department of Surgery, the Hospital for Sick Children, Toronto, Ontario. July 19, 1988.
  427. Invited Speaker. About Face of Ontario, Toronto, Ontario. June 14, 1988.
  428. Visiting Professor: Orthognathic Surgery in the Unilateral Cleft Lip and Palate Patients. Division of Plastic Surgery, University of Pennsylvania, Philadelphia, Pennsylvania. May 26, 1988.
  429. Invited Speaker: Cleft Lip and Palate Surgery in the Philippines. Canadian Cleft Lip and Palate Family Association, Toronto, Ontario. May 18, 1988.
  430. Grand Rounds: Diagnosis and Treatment of Enophthalmos. Department of Ophthalmology, The Hospital for Sick Children, University of Toronto, Ontario. May 4, 1988.
  431. Invited Speaker: Treatment of Craniosynostosis in Infancy. American Society of Neurological Surgeons, Annual Meeting, Toronto, Ontario. April 25, 1988.
  432. Invited Speaker: Craniofacial Surgery in Infancy: Recovery Room Services. Department in Nursing, the Hospital for Sick Children, Toronto, Ontario. April 20, 1988.
  433. Invited Speaker. Treatment of Blow-Out Fractures. Trauma Care Committee, Department of Surgery, the Hospital for Sick Children, Toronto, Ontario, April 5, 1988.
  434. Invited Speaker: Craniomaxillofacial Surgery. American Society of Neurological Surgeons, Annual Meeting, Calgary, Alberta. March 23, 1988.
  435. Visiting Professor: Recent Advances in Craniofacial Surgery. Department of Plastic Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan. February 26, 1988.
  436. Annual Symposium: Craniomaxillofacial Surgery: An Overview. Ontario Medical Students Weekend, University of Toronto, Toronto, Ontario. February 20, 1988.
  437. Visiting Professor: Craniomaxillofacial Trauma. Department of Surgery, C.L. Montelibano Regional Hospital, Bacolod City, Negros Occidental, Philippines. February 17, 1988.
  438. Lecturer: Craniofacial Anomalies and Surgical Perspective. Department of Plastic Surgery, 14th Annual Plastic Surgery Review Course, Northwestern University, Chicago, Illinois. December 6, 1987.



439. Invited Speaker: Craniomaxillofacial Surgery. Department of Oral Surgery, Faculty of Dentistry, University of Toronto, Toronto, Ontario. November 18, 1987.
440. Invited Speaker: Effect of Craniofacial Deformities on Speech and Language Development. Department of Speech Pathology, University of Toronto, Toronto, Ontario. October 20, 1987.
441. Invited Speaker: Surgical and Orthodontic Management of Patients with Craniofacial Anomalies. Canadian Association of Orthodontists, 39th Annual Scientific Session, Toronto, Ontario. September 20, 1987.
442. Grand Rounds: Recent Advances in Craniofacial Surgery. Department of Surgery, the Hospital for Sick Children, Toronto, Ontario. August 12, 1987.
443. Invited Speaker: Acute Craniomaxillofacial Trauma. Emergency Services, Department of Surgery and Department of Pediatrics, the Hospital for Sick Children, Toronto, Ontario. August 11, 1987.
444. Visiting Professor: (1) Useful Myocutaneous Flaps for Head and Neck Reconstruction and Cranial Bone Grafting in Craniomaxillofacial Surgery, (2) Useful Myocutaneous Flaps for Lower Extremity Reconstruction. Department of Surgery, University of Iowa, Iowa City, Iowa. May 18-20, 1987.
445. Invited Speaker: Early Treatment of Craniosynostosis Syndromes. Department of Orthodontics, Faculty of Dentistry, University of Toronto, Toronto, Ontario. March 5, 1987.
446. Resident Seminar: Craniosynostosis in Infancy. Division of Plastic Surgery, University of Toronto, Toronto, Ontario. February 10, 1987.
447. Invited Speaker: Management of Acute Craniomaxillofacial Trauma. Trauma Committee, Department of Surgery, the Hospital for Sick Children, Toronto, Ontario. February 9, 1987.
448. Invited Speaker: Plastic and Reconstructive Surgery in Down's Syndrome. Down Society of Ontario, Annual Meeting, Toronto, Ontario. February 8, 1987.
449. Resident Seminar: Craniosynostosis: Early Surgical Management. Division of Plastic Surgery, University of Toronto, Toronto, Ontario. January 17, 1987.
450. Invited Speaker: Craniofacial Reconstructive Surgery. Graduate School of Human Kinetics, Annual Symposium, University of Guelph, Guelph, Ontario. January 17, 1987.

451. Grand Rounds: Craniofacial malformations: Treatment Options and Timing. Department of Dentistry, the Hospital for Sick Children, Toronto, Ontario. October 20, 1986.
452. Review Course: Basic Principles of Rigid Fixation Applied to the Mandible. AO/ASIF Maxillofacial Sunnybrook Medical Center, Division of Plastic Surgery, University of Toronto, Toronto, Ontario. September 1986.
453. Invited Speaker: Craniofacial Surgery: A Team Approach. About Face of Ontario, Annual Meeting, Toronto, Ontario. September 10, 1986.

### **Editorships, Editorial Boards, and Reviewing Activities**

1. Reviewer; Guest Editorial Board, Aesthetic Surgery Journal, 2017-Present.
2. Reviewer; Guest Editorial Board, International Journal of Oral and Maxillofacial Surgery, 2000-Present.
3. Reviewer; Guest Editorial Board, Annals of Plastic Surgery, 1994-Present.
4. Reviewer; Guest Editorial Board, Cleft-Palate Craniofacial Journal, 1993-Present.
5. Reviewer; Guest Editorial Board, Journal of Plastic Surgery, 1991-Present.
6. Reviewer; Guest Editorial Board, Journal of Oral and Maxillofacial Surgery, 1990-Present.
7. Member; Editorial Board, the Journal of Plastic Surgical Techniques, 1992-2000.
8. Reviewer; Editorial Board, Plastic Surgery Outlook, 1992-1999.
9. Member; Editorial Board, Annals of Plastic Surgery, 1991-1994.
10. Abstractor; Abstracts Committee, Cleft Palate-Craniofacial Journal, 1987-1990.

### **HONORS AND AWARDS**

1. Everett Magnus Orator, Presented at the Australian and New Zealand Association of Oral and Maxillofacial Surgeons (ANZAOMS) 2018 Annual Conference, Perth, Australia, October 19, 2018.

2. W. Harry Archer Award and Kurt Thoma Lecture, 38<sup>th</sup> Annual American College of Oral and Maxillofacial Surgeons Conference, Vancouver, British Columbia, May 3, 2017.
3. The Small, Terry, Baker Lectureship, University of North Carolina, Department of Oral and Maxillofacial Surgery, Chapel Hill, NC, April 24, 2015.
4. The John B. Erich Visiting Professorship of Plastic Surgery, Mayo Clinic College of Medicine, Rochester, MN, November 16-18, 2011.
5. 28<sup>th</sup> Annual William F. Herrigan Award and Lecture, Bellevue Oral & Maxillofacial Alumni Association, New York, New York, 2010.
6. James Barrett Brown Award, American Association of Plastic Surgery, 2006.
7. Best Paper Award: Clinical Category, American Society of Maxillofacial Surgeons, 2006.
8. The 4<sup>th</sup> Annual H. David Hall Lectureship, Vanderbilt University Medical Center, Department of Oral and Maxillofacial Surgery, Nashville, TN, April 10, 2004.
9. The 14<sup>th</sup> Annual Daniel E. Waite Lectureship, University of Minnesota, Department of Oral and Maxillofacial Surgery, Minneapolis, MN, March 27, 2004.
10. Norman Rowe Award and Lecture, British Association of Oral and Maxillofacial Surgeons, Birmingham, England, June 4, 1999.
11. The Annual Bernard K. Sarnat Junior Investigator Award, American Society of Plastic Surgeons, September 26, 1994.
12. Videotape Presentation: "Monobloc and facial bipartition for reconstruction of craniofacial malformations," American Society of Plastic and Reconstructive Surgery and Plastic Surgery Education Foundation, Teleplast Conference, October 23, 1993.
13. The Shirlei Rinaldi Prize: Best Paper, 11<sup>th</sup> Congress of the International Microsurgical Society, 1992.
14. Video Award for Presentation of "Bilateral Cleft Orthognathic Surgery," Annual Meeting of the American Society of Maxillofacial Surgeons and American Society of Plastic and Reconstruction Surgeons, 1991.
15. Cum Laude: Excellence of a Scientific Exhibit, 28<sup>th</sup> Annual Scientific Session of the American Society of Neuroradiology, 1990.
16. Moses Maimonides Award (First Recipient), Eastern Virginia Graduate School of Medicine, 1986.

17. Preceptorship Award, Vanderbilt Medical School Department of Anesthesiology, 1979.
18. Preceptorship Award, Harvard Medical School Department of Anatomy, 1975.

#### **PROFESSIONAL SOCIETY MEMBERSHIP**

1. American Association of Oral and Maxillofacial Surgeons
2. American Association of Plastic Surgeons
3. American Board of Medical Specialists
4. American Board of Oral and Maxillofacial Surgeons
5. American Board of Plastic Surgery
6. American Cleft Palate Craniofacial Association
7. American College of Surgeons
8. American Dental Association
9. American Society of Aesthetic Plastic Surgeons
10. American Society of Maxillofacial Surgeons
11. American Society of Plastic and Reconstructive Surgeons
12. European Association of Cranio-Maxillofacial Surgeons
13. International Society of Craniofacial Surgeons, Active member
14. Plastic Surgery Research Council
15. Royal College of Surgeons (Canada)
16. Saudi Society of Oral and Maxillofacial Surgeons, Honorary member