

# Curriculum Vitae

**Patrick J. Byrne, MD**

## DEMOGRAPHIC INFORMATION

### **Current Appointments:**

*Primary Appointment*

Associate Professor

Director, Division of Facial Plastic and Reconstructive Surgery

Department of Otolaryngology-Head and Neck Surgery

The Johns Hopkins University School of Medicine

### **Personal Data:**

*Office address*

Division of Facial Plastic and Reconstructive Surgery

Department of Otolaryngology-Head and Neck Surgery

The Johns Hopkins Medical Institution

601 N. Caroline Street 6<sup>th</sup> floor

Baltimore, MD 21287-1910

Phone: (410) 955-4985

Fax: (410) 614-8610

Email: [pbyrne2@jhmi.edu](mailto:pbyrne2@jhmi.edu)

### **Education and Training**

*Undergraduate*

B.S. Biology

1989

California Lutheran University

*Graduate*

M.D.

1994

University of California, San Diego  
School of Medicine

*Post graduate*

Internship, Surgery

1994-95

University of California, San Francisco

Residency, Otolaryngology

Head and Neck Surgery

1995-2000

University of California, San Diego

Research Fellowship

1996-97

UC San Diego Cancer Center

Fellowship, Facial Plastic

Reconstructive Surgery

2000-01

University of Minnesota, Minneapolis MN

### **Professional Experience/Secondary Appointments**

Associate Professor,

Department of Otolaryngology-Head and Neck Surgery.  
Johns Hopkins University School of Medicine  
2001 – present

Director, Division of Facial Plastic and Reconstructive Surgery  
Johns Hopkins Department of Otolaryngology-Head and Neck Surgery  
2001 – present

Fellowship Director  
Facial Plastic and Reconstructive Surgery Fellowship  
Johns Hopkins Otolaryngology-Head and Neck Surgery  
American Academy of Facial Plastic and Reconstructive Surgery – accredited  
The Johns Hopkins Graduate Medical Education Committee - approved  
2005– present

Medical Director – Johns Hopkins International Corp.  
Hospital Punta Pacifica, a Johns Hopkins affiliate  
Panama City, Panama  
2005 – present

Board of Directors  
Johns Hopkins Cosmetic Center at Greenspring Station  
Lutherville, MD  
2003 – present

Medical Director  
The Greater Baltimore Cleft Lip and Palate Team  
Greater Baltimore Medical Center  
Baltimore, MD  
2004 – present

Medical Director  
Ecuadent, Inc.  
Nonprofit medical service organization  
Maryland  
2003 - 2006

Staff Physician  
Greater Baltimore Medical Center  
Baltimore, MD  
2001 – present

## **RESEARCH ACTIVITIES**

### **Publications**

*Peer reviewed scientific articles*

1. **Byrne, PJ**, Garcia, J. *Autogenous nasal tip reconstruction of complex defects: a structural approach employing rapid prototyping*. Sept-Oct;9(5):358-64. Arch Facial Plast Surg 2007
2. **Byrne PJ**, Kim, Boahene D, Millar J, Moe K. *The Temporalis Tendon Transfer as Part of a Comprehensive Approach to Facial Reanimation*. Arch Facial Plast Surg 2007 July/Aug;9(4):234-41
3. Farrag T, Boahene, K, Agrawal, N, Turner, L, **Byrne, P**, Earnest, L, Tufano, R, Koch, W. "The Use of Fibrin Sealant in Closing Muco-cutaneous Fistulae Following Head and Neck Surgery". Otolaryngol Head Neck Surg. 2007 Jun;137(1):159-61.
4. **Byrne, PJ** *Efficacy and safety of the Endotine fixation device in endoscopic browlift*. Arch Facial Plast Surg 2007 May-June;9(3):212-214
5. **Byrne, PJ**, Garcia, J. *Complex nasal reconstruction: improving accuracy with the use of reverse engineered 3-dimensional surgical guides*. In press. Plastic and Reconstructive Surgery. 2007
6. Lee, W, **Byrne, PJ**. *Basal squamous cell carcinoma masquerading as granulomatous rosacea*. Accepted for publication. Archives of Otolaryngology. 2007.
7. Chu, E, **Byrne, PJ**. Pharmacologic reversal of Horner's syndrome related ptosis with apraclonidine. Ear Nose Throat J. May 86:5:270-273. 2007
8. Farrag, T,; Lehar, M, Verhaegen P, Carson, K, **Byrne, PJ**. *The effect of Platelet Rich Plasma and Fibrin Sealant on Facial Nerve Regeneration in a Rat Model*. Laryngoscope. 2007 Jan;117(1):157-65
9. Della Santina CC, **Byrne PJ**. *Initial management of total nasal septectomy defects using resorbable plating*. Arch Facial Plast Surg 2006 Mar-Apr;8(2):128-38
10. Ho T, Couch M, Carson K, Schimberg A, Manley K, **Byrne PJ**. *Radial forearm donor site outcomes comparison by closure method*. Otolaryngol Head Neck Surg. 2006 Feb;134(2):309-15
11. Innis W, **Byrne P**, Tufano RP. *Image guided osteoplastic frontal sinusotomy*. Am J Rhinol 2005 Sep-Oct;19(5):430-4
12. **Byrne PJ**, Stuart RM, Fakhry C, Lehar M, Flint PW. *An electrophysiologic assessment of the effects of neurotrophic factors on facial nerve reinnervation*. Arch Facial Plast Surg. 2005 Mar-Apr: 7(2):114-8.

13. Stuart RM, **Byrne PJ**. *The importance of facial expression and the management of facial nerve injury*. Neurosurgery Quarterly 14(4):239-248, December 2004.
14. **Byrne, PJ**. *The Importance of Facial Expression in Facial Nerve Rehabilitation*. Current Opinion in Otolaryngology. 12:332-335. November, 2004
15. Xing M, Tufano R, Tufaro A, Basaria S, Ewertz M, Rosenbaum E, **Byrne PJ**, Wang J, Sidransky D, Ladenson P. *Detection of BRAF mutation on fine needle aspiration biopsy specimens: a new diagnostic tool for papillary thyroid cancer*. J Clin Endocrinol Metab. 2004 Jun;89(6):2867-72.
16. Shao, W, **Byrne, P**, Harrison A, Nelson E, Hilger P. *Persistent blurred vision after blepharoplasty and ptosis repair*. Arch Facial Plast Surg May-Jun 6(3) 155-57. 2004
17. **Byrne, PJ**, Walsh WE, Hilger PA. *The use of “inside-out” lateral osteotomies to improve outcome in rhinoplasty*. Arch Facial Plast Surg May-Jun 5(3);251-5. 2003
18. Earnest L, **Byrne P**, Califano J. *Massive facial angiofibroma in a patient with tuberous sclerosis*. Otol Head Neck Surg. Jan;128(1): 151-3. 2003
19. **Byrne P**, Bernstein P. *The use of medicinal leeches to treat macroglossia secondary to blunt trauma*. Otol Head Neck Surg Dec;125(6):649-50. 2001
20. *Johnsson A, Byrne P, de Bruin R, Weiner D, Wong J, Los G. Identification of gene clusters differentially expressed during the cellular injury responses (CIR) to cisplatin. Br Jo Cancer 2001 Oct 19;85(8):1206-10.*

*Reviews*

21. Kim, M, **Byrne P**. *Facial skin rejuvenation in the Asian patient*. Facial Plast Surg Clin North Am. Aug;15(3):381-6. 2007
22. Earnest, LM, **Byrne PJ**. *Scalp Reconstruction*. Facial Plast Surg Clin North Am. 2005 May;13(2)345-53.
23. **Byrne P**, Hilger P. *Lip Augmentation*. Facial Plast Surg Feb; 20(1):31-8. 2004
24. **Byrne P**, Hilger P. *Management of congenital nasal anomalies*. Facial Plastic Surg Clinics N Am Feb 9(1):117-30. 2001.

*Non peer reviewed publications*

25. Kim, M., **Byrne, PJ.** “Cleft Lip and Palate.” American Academy of Otolaryngology-Head and Neck Surgery Foundation, Inc., National Resident Online Study Guide. Module: Facial Plastic and Reconstructive Surgery. 2007
26. **Byrne, P.J.**, de Bruin, R., Weiner, D., Kurdi-Haidar, B., Weisman, R., Howell, S., Los, G. “*Subtractive hybridization techniques reveal differentially expressed genes in response to cisplatin induced injury in UMSCC 10b cells.*” Proceedings of the 88<sup>th</sup> Annual Meeting of the American Association for Cancer Research. 1997. San Diego, CA
27. Min, Y., Hilinski, J., Johnson, A., Zeelenberg, D., Weiner, D., **Byrne, P.**, de Bruin, R., Howell, S.B., Christen, R., Los, G. “*A Molecular Approach to the Rapid Assessment of Tumor Response.*” Proceedings of the 89<sup>th</sup> Annual Meeting of the American Association for Cancer Research. 1998.

**Textbook Editor**

*Editor: Byrne Atlas of Facial Plastic and Reconstructive Surgery.* Elsevier-Mosby, Philadelphia, PA 2008

**Invited Guest Editor**

Facial Plastic Surgery: “Facial Reanimation”, quarterly monograph. Thieme Medical Publishing. Publication Spring 2008

Facial Plastic Surgery Clinics of North America: “Skin cancer”. Publication Spring 2009

**Section Editor**

Differential Diagnosis in Otolaryngology: “Facial Plastic Surgery”  
Stewart M, Editor. Thieme Publishers. Publication Winter 2009

*Book chapters*

1. Byrne P., Sidman, J. Revision cleft lip and palate surgery. In Edelstein, P. Complications in Otolaryngology. 2007

2. Earnest L, **Byrne P**. Treatment of Orbitozygomatic Fractures. In: Papel I. ed. Facial Plastic and Reconstructive Surgery. New York: Thieme Medical Publishers. 2007/
3. **Byrne PJ**, *Goding S*. Skin Flap Physiology and Wound Healing. In Cummings Otolaryngology-Head and Neck Surgery. 4<sup>th</sup> Edition. Elsevier-Mosby, Philadelphia, PA. 2005
4. Crumley R, Armstrong W, **Byrne PJ**. Rehabilitation of Facial Paralysis. In Cummings Otolaryngology-Head and Neck Surgery. 4<sup>th</sup> Edition. Elsevier-Mosby, Philadelphia, PA. 2005
5. **Byrne, P.**, Hilger, P. “Augmentation Rhinoplasty”. In eMedicine textbook: Otolaryngology/Facial Plastic Surgery. Summer 2001.
6. **Byrne P.**, Hilinski J., Hilger P. “Facial Nerve Repair.” In eMedicine online textbook: Otolaryngology/Facial Plastic Surgery. Summer 2001.
7. **Byrne P.**, Tawfilis A. “Facial Trauma: Nasal Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.
8. Preciado, D, **Byrne P.**, Tawfilis A. “Facial Trauma: Frontal Sinus Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.
9. Tawfilis A., **Byrne P**, Limchayseng. “Facial Trauma: Management of Panfacial Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.
10. Tawfilis A., **Byrne P**. “Facial Trauma: Mandibular Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.
11. Kim D., **Byrne P.**, Moe K., Tawfilis A. “Facial Trauma: Maxillary and LeFort Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.
12. Kim D., **Byrne P.**, Tawfilis A. “Facial Trauma: Nasoethmoid Fractures.” In eMedicine online textbook: Plastic Surgery. Summer 2001.

## **Inventions, Patents, Copyrights (pending, awarded)**

## **Extramural Sponsorship**

Traylor Fund Research Grant. \$28,000 to support study, “The effect of BDNF on facial nerve regeneration after transection and repair.” Animal study in rats. Nearing completion.

Medtronic research gift. \$38,000. Clinical and animal investigations on efficacy of Platelet Rich Plasma (PRP) on wound healing.

***Institutional Review Board Approved active ongoing studies (as principal investigator)***

Scanpath assessments of reconstructive surgery outcomes. JHU IRB.  
Protocol # 03-10-08-05

Speech and Deglutition after temporalis tendon transfer

Facial Assymetry – detection of visual thresholds

## **EDUCATIONAL ACTIVITIES**

### **Teaching**

Course Director – Johns Hopkins – American Academy of Facial Plastic and Reconstructive Surgery/AO Soft tissue Training Course. August 2003

Co-director – Lip Augmentation instructional course. International Facial Plastic Surgery Symposium. New York, NY. May 2002.

Curriculum director – Facial Plastic Surgery Core curriculum. Johns Hopkins Otolaryngology-Head and Neck Surgery Program. 2001-present.

Co-course Director – The Bay Area Soft Tissue Training Course at UC San Francisco San Francisco, CA August 2004

Instruction Course director – “Facial Reanimation.” AAOHNS Annual Meeting. Los Angeles, CA September 2005

Co-course Director – The Bay Area Cosmetic Surgical Training Course at UC San Francisco, CA April 2006

Instruction Course director – “Facial Reanimation.” AAOHNS Annual Meeting. Toronto. September 2006

Director – Cadaver Course. The International Rhinoplasty Meeting. Boston, MA June 2007

Instruction Course director – “Facial Reanimation.” AAFPRS Annual Meeting. Washington DC. September 2007

Director – Cadaver Course: Aging Face. The AAFPRS Annual Fall Meeting. Washington DC. September 2007.

***Invited Lectures and presentations at national meetings***

1. “Complications of facelifts.” Grand Rounds, Department of Otolaryngology-Head and Neck Surgery. University of Minnesota. February, 2001
2. . “The Use of ‘Inside-Out’ Lateral Osteotomies to Improve Outcome in Rhinoplasty.” Fall Meeting of the American Academy of Facial Plastic and Reconstructive Surgery. September 6, 2001.
3. “Concepts in Functional Reconstructive Rhinoplasty.” Grand Rounds, Johns Hopkins University Department of Otolaryngology-Head and Neck Surgery. November 2001
4. “Facial Reanimation”. Department of Surgery Grand Rounds. Johns Hopkins University School of Medicine. January 2002.
5. Guest Lecturer. Third International Maxillofacial Surgery Symposium. Linyi, China “Facial Reanimation.” February 2002.
6. Instructor, International Facial Plastic Surgery Symposium. “Lip Augmentation.” May, 2002.
7. “The use of resorbable plating materials in nasal reconstruction.” Podium Presentation. American Academy of Facial Plastic and Reconstructive Surgery Fall Meeting. September, 2002.
8. “Ear reconstruction.” Grand Rounds. Johns Hopkins Otolaryngology-Head and Neck Surgery. November, 2002.
9. “An Aesthetic Approach to Facial Reconstruction.” Grand Rounds, Johns Hopkins Department of Surgery. February 2003.
10. “Facial Expression and Aesthetics; Principles for Surgeons.” Maryland Society of Otolaryngology. Baltimore, MD. March 2003.
11. “Facial Reconstruction.” Grand Rounds. Johns Hopkins Department of Dermatology. April 2003.
12. “Facial Aesthetics.” Maryland-D.C. Society of OLHN Nurses Annual Meeting. Greater Baltimore Medical Center. May 2003.
13. “Facial expression and aesthetics.” Grand Rounds. Division of Plastic Surgery. Johns Hopkins University. August 2003.
14. Guest Lecturer. “Rhinoplasty Update.” International Facial Plastic and Maxillofacial Surgery Conference. Ho Chi Minh City, Vietnam. October, 2003.
15. Guest Lecturer. “Facial Expression and Aesthetics; Principles for Surgeons.” International Facial Plastic and Maxillofacial Surgery Conference. Ho Chi Minh City, Vietnam. October 2003.

16. "Facial Expression and aesthetics; principles for surgeons." Grand Rounds. Geisinger St. Medical Center. Danville, PA. November 2003.
17. "Facial Reanimation: Principles and Techniques." Grand Rounds. Department of Neurological Surgery. Johns Hopkins University. April 2004.
18. "An aesthetic approach to facial reconstruction." Grand Rounds. Department of Otolaryngology-Head and Neck Surgery. UC San Francisco Medical Center. San Francisco, Ca. April 2004.
19. "International Volunteerism for Surgeons." Grand Rounds. Johns Hopkins Otolaryngology-Head and Neck Surgery. May 2004.
20. "Cleft Lip and Palate Surgery." Baltimore Genetics Society CME Meeting: "Craniofacial Disorders: Diagnosis, Management and Treatment." Greater Baltimore Medical Center June 10, 2004
21. "Management of congenital anomalies of the head and neck." Grand Rounds. Greater Baltimore Medical Center Department of Otolaryngology-Head and Neck Surgery. June 2004
22. "Reconstructing Mohs Defects: Principles and Techniques." Grand Rounds. Johns Hopkins Department of Dermatology. July 2004.
23. "Head and neck reconstruction: current state of the art." 7<sup>th</sup> Annual Conference on Head and Neck Rehabilitation: New Perspectives of Care. Greater Baltimore Medical Center. October 22, 2004
24. "Facial reanimation" Pan American Congress of Otolaryngology. Guatemala City, Guatemala. November 2004.
25. "Head and Neck Reconstruction." Pan American Congress of Otolaryngology. Guatemala City, Guatemala. November 2004.
26. "Congenital Nasal Deformities" Cleft and Craniofacial Disorders: Update 2005. Greater Baltimore Medical Center. March 2005.
27. "Aesthetic Reconstruction of Facial Defects." Maryland Society of Dermatology. March 2005.
28. "Update on cleft lip and palate." Grand Rounds, Department of Pediatrics. Greater Baltimore Medical Center, Baltimore, MD. May, 2005
29. "Microvascular surgery – concepts and monitoring issues." Halsted IMC nurses inservice. May 24, 2005.
30. "Facial Reanimation" – CME course given at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting. Los Angeles, CA. September, 2005
31. "Facial reinnervation." The Defense Advanced Research Projects Administration (DARPA) "Virtual Face" workshop. Washington DC. December 2005
32. "Facial Reanimation" Armed Forces Institute of Pathology Otolaryngology Training Course. Bethesda, MD. February 2006
33. "Surgical management of septal perforations." MG Paul Streit Memorial Seminar "Advances in Rhinology" Bethesda, MD. February, 2006
34. "Septorhinoplasty for nasal obstruction." MG Paul Streit Memorial Seminar - "Advances in Rhinology" Bethesda, MD. February, 2006
35. "Management of Cleft Lip and Palate" Maryland Society of Otolaryngology-Head and Neck Surgery Nursing Association Annual Meeting. Greater Baltimore Medical Center. March, 2006

36. "Soft tissue trauma and repair." Updates in Facial Trauma and Maxillofacial Surgery Course. Columbia University. New York City, New York. May 2006
37. "Mandible Fractures." Facial Trauma Plating Workshop. University of Virginia, Department of Otolaryngology-Head and Neck Surgery. Charlottesville, VA. July 2006.
38. "Skin cancer update: 2007." St. Josephs Hospital grand rounds. Baltimore, MD. January 2007
39. "Facial paralysis and reanimation." Franklin Square Medical Center grand rounds. Baltimore, MD. February 2007.
40. "Innovations in complex facial reconstruction." Presentation to the Surgeon General of the Army. Deans Conference room. February 2007.
41. "International volunteerism" Maryland Society of Otolaryngology Head and Neck Surgery Nursing Association. GBMC. Baltimore, MD. April 2007.
42. "Understanding the basics of skin damage." Harbor Hospital Grand rounds. April 2007.
43. Farrag TY, Lehar M, Verhaegen P, Carson KA, Byrne PJ. Effect of platelet rich plasma and fibrin sealant on facial nerve regeneration in a rat model. Combined Annual Otolaryngological Spring Meeting (COSM), April 2007, San Diego, CA.
44. "Fat transfer." The SF Bay Area Minimally Invasive Cosmetic Surgery Course. San Francisco, CA. May 2007.
45. "Injectable techniques: advanced." The SF Bay Area Minimally Invasive Cosmetic Surgery Course. San Francisco, CA. May 2007.
46. "Advance techniques in facial reconstruction." UC San Diego Residency Anniversary Celebration conference. San Diego, CA. June 2007.
47. Farrag TY, Lin FR, Byrne PJ. Learning curve in microvascular free tissue transfer. 110th American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS) Annual Meeting, September 2007, Washington, DC.
48. Kim, M., Byrne PJ. "PEEK: our experience with a new custom facial reconstruction implant." American Academy of Facial Plastic and Reconstructive Surgery Annual Fall Meeting. Podium presentation. Washington DC. September 2007.
49. Melzer, N, Byrne, P, Boahene: "Image guidance technology for facial prosthetics placement." American Academy of Facial Plastic and Reconstructive Surgery Annual Fall Meeting. Podium presentation. Washington DC. September 2007.
50. Capone, R. Byrne PJ. "A new model for the analysis of the cleft lip deformity." American Academy of Facial Plastic and Reconstructive Surgery Annual Fall Meeting. Podium presentation. Washington DC. September 2007.
51. Byrne, PJ: "The reconstruction of facial skin cancers." The Society of Otolaryngology Head and Neck Surgery Nurses Annual Fall Meeting. Washington DC. September 2007.
52. "Facial Reanimation" – NW Academy of Otolaryngology Winter Meeting. Sunriver Oregon. February 2008
53. "Nasal reconstruction" - NW Academy of Otolaryngology Winter Meeting. Sunriver Oregon. February 2008
54. "Facial Reanimation" – Montana State Society of Otolaryngology-Head and Neck Surgery Winter Meeting. Big Sky, Montana. February 2008

55. "Skin cancer update: treatment and reconstruction." - Montana State Society of Otolaryngology-Head and Neck Surgery Winter Meeting. Big Sky, Montana. February 2008

*Advisees and research mentoring*

2002- present Johns Hopkins University Undergrad Mentoring Program: 9 students ( 5 accepted to medical school, currently MSI-IV).

- 2 pre med students registered for clinical observership program per semester, 2002 - present

2004- 2005: Research mentor and PI: Morgan Stuart, medical student. Currently resident in Neurosurgery, Columbia University.

2004 – present: .PI and sponsor: Tarik Farrag, MD – postgraduate research assistant

2005 - PI and sponsor: Pauline Verhaegen, MS III – postgraduate research assistant. Current position: medical student, Copenhagen.

2006 – present. Amber Leis MS III 2006 – present: research mentor, PI through submission to IRB of project: "Quality of life outcomes in facial paralysis and reanimation." 2007

2007 – Jeffrey Neal. JHU undergrad, premed. Sponsor and PI for IRB submission for project: "Rehabilitation of the eye in facial paralysis: a retrospective study."

2007 – Jana Lichtenfeld. JHU undergrad and premed. PI and mentor for research project "Three dimensional laser surface scanned template creation for forehead flap nasal reconstruction."

**Facial Plastic Surgery Fellowship trainees**

2003-2004     **Scott Daly, MD**

Current position:                     private practice in Rockville, MD

2004-2005     **Ifepo Sofola, MD**

Current position:                     **Commander, Chief** of Facial Plastic and Reconstructive Surgery, Division of Otolaryngology-Head and Neck Surgery, Department of Surgery. Bethesda Naval Medical Center.

2005-2006     **Lisa Earnest, MD –**

Current position:                     **Assistant professor**, Department of Otolaryngology-Head and Neck Surgery. Johns Hopkins. **NIH K12 clinician scientist award recipient**, 2007.

2006-2007     **Christopher Cote, MD**

Current position: **Chief** of Facial Plastic and Reconstructive Surgery. Division of Otolaryngology-Head and Neck Surgery. Walter Reed Army Medical Center.

2007-2008 **Jason Haack, MD**

*Facial Plastic Surgery Advanced Training program (6 months):*

- a. Lisa Earnest, MD
- b. Daniel Rothbaum, MD
- c. Matthew Wolpoe, MD
- d. Michael Kim, MD

## **Editorial Activities**

**Editor** – Atlas of Facial Plastic Surgery. Elsevier Inc. In preparation.

**Guest Editor** – Facial Plastic Surgery monograph. “Facial Reanimation.” Thieme. Scheduled for publication Spring 2008.

**Section Editor** – Differential diagnosis in Otolaryngology: “Facial Plastic Surgery” Scheduled for publication Thieme. 2008

### **Reviewer**

Surgical Oncology – 2006 –present  
Laryngoscope – 2006 –present  
Archives of Facial Plastic Surgery – 2005 - present

## **CLINICAL ACTIVITIES**

### **Certification**

California State Medical License # AO60708  
Maryland State Medical License #D0057351  
DEA License # BB5131468

### **Board Certifications**

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

### **Service Responsibilities**

Member: Face to Face Committee. Active participant in overseas volunteer educational and surgical service missions. China 2002. Vietnam 2003.

Medical Director, Ecuadent, Inc. Nonprofit medical service organization, specializing in surgical and dental health care delivery in Ecuador. 2002-4. Childrens Surgery International. Volunteer Cleft lip and palate surgeon. Hermosillo, Mexico. October 2006, October 2007

## **ORGANIZATIONAL ACTIVITIES**

### **Institutional Administrative Appointments**

Johns Hopkins School of Medicine Admissions Committee. 2002-present  
Health Professions Committee 2007 -  
Johns Hopkins Otolaryngology-Head and Neck Surgery Residency  
Admissions Committee. 2002-2004.  
Johns Hopkins Quality Improvement Committee. 2003-2005  
Johns Hopkins Otolaryngology-Head and Neck Surgery Clinical Planning  
Committee. 2003-2004.  
Leadership Development Program. 2004-2005.

### **Professional Societies and committees**

American Board of Otolaryngology  
Task Force for new materials 2007-2010  
Guest examiner ABO 2007 - 2010  
American Academy of Otolaryngology-Head and Neck Surgery  
American Academy of Facial Plastic and Reconstructive Surgery(AAFPRS)  
AAFPRS Committees:  
Face to Face Humanitarian Committee  
Surgical Subspecialty Committee – Cleft Lip and Palate  
Committee Chair: Surgical Subspecialty Committee  
Microvascular  
CME Advisory Committee  
Public Information Committee  
Awards Committee  
American Board of Facial Plastic and Reconstructive Surgery (ABFPRS)  
Oral Examiner 2008 -  
Written Examination Development Committee  
American Cleft Palate Craniofacial Association  
American Medical Association – Relative Value Update Committee –  
nominee of the AAFPRS to rotating seat  
Fellow, American College of Surgeons

### **Conference Organizer**

Course Founder/Director: Johns Hopkins AAFPRS AO Regional Soft  
Tissue Training Course

### **Advisory Committees, Review Groups**

Board of Directors – The Vivian Pellas Metropolitan Hospital  
Managua, Nicaragua. 2004 – present.

## **RECOGNITION**

### **Institutional**

Selection, Johns Hopkins Medicine Leadership Development Program. 2005

### **National and international**

**Elected Faculty**, AO Maxillofacial International 2006 - present

**Invited lecturer**

**DARPA** virtual face workshop. December, 2005. \*one of 4 invited surgeons nationally

**Invited speaker** – UCSD Residency Graduation San Diego Ca. June 2007

**Invited Panel Speaker** “Complex Nasal Reconstruction” International Rhinoplasty Meeting. Boston MA June 2007

**Invited Panel Speaker** “Facial Reconstruction” Annual Fall meeting of the American Academy of Facial Plastic and Reconstructive Surgery. Washington DC September 2007

**Paper session moderator: Facial paralysis** AAFPRS Fall Meeting. Washington DC September 2007

**Invited Keynote Speaker:** NW Academy of Otolaryngology – Head and Neck Surgery Winter Meeting. February 2008

**Invited Guest Speaker:** Montana State Society of Otolaryngology – Head and Neck Surgery Winter Meeting. February 2008.

### **Awards, Honors, Media**

California Lutheran University Alumni Associate Humanitarian of the Year. 2006

Keynote speaker – Johns Hopkins University Voyage of Discovery Spring Lecture

Expert opinion – ABC World News Now. January 2006 – “Face transplant”

Featured, CNN Anderson Cooper 360 “The Face of War” May 2007

Featured, CNN Paula Zahn Now. “Facial Reconstruction” May 2007

Featured, WJZ TV and national CBS affiliates in six largest US markets: “A soldier faces his future” May 2007

Featured, ABC News 5 Washington DC May 2007

Innovative procedure featured, Canada AM morning news show: “New surgery puts a smile back on faces.” July 2007

BBC News, Reuters, AP: “New Facial Paralysis Treatment Hailed.” July and August, 2007.

ABC “Hopkins 24/7” featured physician: spring, summer 2007

Discovery Channel “Innovations and breakthroughs” featured Spring 2008

People Magazine “Heroes Amongst Us” featured Spring 2008