

## **William B. Armstrong, MD**

University of California, Irvine  
Irvine, CA 92697-5386  
Otolaryngology-Head & Neck Surgery  
Neurological Surgery  
(714) 456-5750  
Department Phone: (714) 456-5753  
Fax: (714) 456-5747  
Email: wbarmstr@uci.edu

### **Education**

- Postdoctoral Fellow, Vanderbilt University, (July 1, 1993 - June 30, 1994).  
Head and Neck Oncology and Skull Base Surgery, Department of Otolaryngology-Head and Neck Surgery  
Advisor: Netterville, J. L.
- Resident, Department of Otolaryngology-Head and Neck Surgery, University of Southern California, (July 1, 1989 - June 30, 1993).
- Intern, Department of Otolaryngology-Head and Neck Surgery, University of Southern California, (June 24, 1988 - June 23, 1989).
- MD, *with Honors*, University of Washington School of Medicine, 1988.
- BA, Pomona College, 1984.  
Major: Biochemistry
- High School, Edmonds Sr. High School, 1980.

### **Professional Positions**

- Department Chairperson, Department of Otolaryngology-Head and Neck Surgery, (July 1, 2010 - Present).
- Director, Residency Program, Department of Otolaryngology-Head and Neck Surgery, (June 1, 2003 - October 1, 2011).
- Interim Department Chairperson, Department of Otolaryngology-Head and Neck Surgery, (June 1, 2007 - June 30, 2010).
- Vice Chair, Department of Otolaryngology-Head and Neck Surgery, (July 1, 1997 - June 30, 2007).
- Assistant Professor of Clinical "X", Neurological Surgery, UC Irvine (2013-2014).
- Professor of Clinical "X", Otolaryngology-Head & Neck Surgery, UC Irvine (2009-2014).
- Associate Professor of Clinical "X", Otolaryngology-Head & Neck Surgery, UC Irvine (2002-2009).
- Assistant Adjunct Professor, Otolaryngology-Head & Neck Surgery, UC Irvine (1997-2002).
- Assistant Health Sciences Clinical Professor, Otolaryngology-Head & Neck Surgery, UC Irvine (1994-1997).
- Chief, Otolaryngology Section, Department of Surgery, Long Beach Veterans Administration Medical Center. (1996 - 2003).
- Acting Chief, Otolaryngology Section, Department of Surgery, Long Beach Veterans Administration Medical Center. (1995 - 1996).
- Assistant Chief, Otolaryngology Section, Department of Surgery, Long Beach Veterans Administration Medical Center. (1994 - 1995).

## Licensures and Certifications

Board Certification, American Board of Otolaryngology. (May 3, 1994 - Present).

California Medical License, Department of Consumer Affairs. (July 3, 1989 - Present).

## Professional Memberships

American Academy of Otolaryngology-Head and Neck Surgery.

American Head & Neck Society.

American Laryngological Association.

American Medical Association.

California Medical Association.

Diplomate, American Board of Otolaryngology.

Fellow, American College of Surgeons (FACS).

Fellow, American Head and Neck Society.

Fellow, Triological Society.

International Society for Cancer Chemoprevention.

Orange County Medical Association.

Orange County Society of Otolaryngology-Head and Neck Surgery.

Otolaryngology Program Directors Organization.

Salerni Collegium.

Society of University Otolaryngologists.

Lions Club International. (August 2007 - Present).

## Awards and Honors

Best Doctors in America by Best Doctors, Inc. (Physician based survey). (2007 - 2014).

Physician of Excellence Award, Orange Coast Magazine and Orange County Medical Association (physician based survey). (2005 - 2014).

Office of Educational Affairs Department Chair Award for Excellence, University of California, Irvine School of Medicine. (2011 - 2012).

Southern California Super Doctors. (2010 - 2012).

American Academy of Otolaryngology-Head and Neck Surgery Honor Award, American Academy of Otolaryngology-Head and Neck Surgery. (August 29, 2006).

Guide to Top Doctors, Center for the Study of Services. (2002).

Best Doctors in Orange County, Orange Coast Magazine. (January 2000).

Resident Award, Pacific Coast Oto-Ophthalmological Society. (June 1992).

## RESEARCH

### Publications

#### Abstracts Published

AB012. Chark, D. W., Oliaei, S., Armstrong, W. B. (2010). Ectopic Intratracheal Thyroid Causing Airway Obstruction. *Laryngoscope*, 120, suppl 4:S144.

AB011. Rubinstein, M., Wong, B., Armstrong, W. B. (2009). Transoral Laser Microsurgery for Laryngeal Cancer: A Primer and Review of Laser Dosimetry Lasers in Surgery and Medicine. *Lasers in Surgery and Medicine*, 48, 138.

- AB010. Ridgway, J., Mahmood, U., Jackson, R., Guo, S., Su, J., Armstrong, W. B., Shibuya, T., Crumley, R., Chen, Z., Wong, B. (2005). Optical coherence tomography and image analysis of the oropharynx. *Journal of Investigative Medicine*, 53, S165.
- AB009. Mahmood, U., Ridgway, J., Jackson, R., Guo, S., Su, J., Armstrong, W. B., Crumley, R. L., Shibuya, T., Gu, M., Chen, Z., Wong, B. (2005). Benign and Malignant Processes of the Human Larynx as Studied by Optical Coherence Tomography. *Journal of Investigative Medicine*, 53, S141.
- AB008. Shibuya, T. Y., Nguyen, K., Kim, S., Chen, V. Y., Wong, H. S., Zi, X., Armstrong, W. B. (2005). Bioactive sutures enhance T cell expression of CD40L in HNSCC patients. *Proceedings of the American Association of Cancer Research*, 46, 1410. (Abstract #5993).
- AB007. Armstrong, W. B., Taylor, T. H., Messadi, D. V., Carreon, D. C., Kennedy, A. R., Meyskens, F. L. (2004). Digit preference by observers may offset ease of access in human oral models of precancerous conditions. *Proceeding of the Third Annual AACR Frontiers in Cancer Prevention Research*, B74, 128. (October 16-20, 2004).
- AB006. Armstrong, W. B., Meyskens, F. L., Taylor, T. (2004). Can a marker be a surrogate for development of cancer and would we know it if it existed?. *European Journal of Cancer (EJC) Supplements*, 2, 11.
- AB005. Armstrong, W. B., Lagerberg, W. J., Taylor, T. H., Carreon, D. C., Messadi, D. V., Kay, J. Y., Kennedy, A. R., Wan, X. S., Meyskens, F. L. (2003). BBIC vs. Oral Leukoplakia: Response, safety and accrual: Will it equal success. *Proceeding of the 2nd Annual AACR Frontiers in Cancer Prevention Research*, A201, 52. (October 26-30, 2003).
- AB004. Parikh, P. P., Kim, S., Nguyen, K., Wadhwa, A. K., Meyskens, F., Armstrong, W. B., Crumley, R. L., Goo, G. H., Shibuya, T. Y. (2002). Immune-enhancing Suture for SCCHN Patients. *Otolaryngol Head and Neck Surgery*, 127(2), 175.
- AB003. Shibuya, T. Y., MD, Kim, S., Nguyen, K., Meyskens, F. L., Armstrong, W. B., Crumley, R. L., Yoo, G. H. (2002). Cell Death of Head and Neck Cancer after Exposure to Metal Chelators. *Proceedings of the American Association for Cancer Research*, 43, 926.
- AB002. Chao, K. H., Cheung, E., Armstrong, W. B., MD, Wong, B. J., MD (2000). Characterization of Micromanipulators for CO2 Laser Surgery in Head and Neck: A comparison of reflective and refractive optical systems. *Proceeding of the SPIE-The International Society for Optical Engineering*, 3907, 389-93.
- AB001. Neev, J., Armstrong, W. B., MD, Da Silva, L. B., Feit, M. D., Perry, M. D., Rubenchik, A. M., Stuart, B. C. (1996). Surgical and Dental Applications of Ultrashort Pulse Lasers. *9th Annual Meeting IEEE Lasers and Electro-optics Society*, 1 of 2, 261-2. (Boston, MA November 18-19, 1996).

#### **Book Chapters, Other**

- CH007. Armstrong, W. B., Lydiatt, W. M. (2004). Head and Neck Cancer Prevention and Early Detection. Vol. Self-Instructional Package. American Academy of Otolaryngology Foundation.

#### **Book Chapters, Peer-Reviewed**

- CH010. Armstrong, W. B., Vokes, D., MD (2010). Malignant Tumors of the Larynx. 5th Edition of Cummings Otolaryngology Head and Neck Surgery edition. 107. Vol. 2. (pp. 1482-511). Cummings.

- CH009. Armstrong, W. B. (2009). Disorders of the Salivary Glands, Thyroid, and Parathyroid. In H. R. Djalilian (Ed.), *10 Minute ENT Consult*. (pp. 437-454). San Diego, CA: Plural Publishing, Inc.
- CH008. Crumley, R. L., MD, Armstrong, W. B., Byrne, P. J. (2004). Rehabilitation of Facial Paralysis. 4th edition. Vol. 1. (pp. 822-52). St Louis, MI: Ed Mosby.
- CH006. Shibuya, T. Y., MD, Armstrong, W. B., MD, Shohet, J. A., MD (2003). Skull Base Surgery. Head and Neck Cancers edition. (pp. 339-57). San Diego, CA: Academic Press.
- CH005. Armstrong, W. B., MD, Nguyen, T. H. (2002). Head and Neck Virtual Endoscopy. In M. J. Citardi (Ed.), *Computer-Aided Otorhinolaryngology-Head and Neck Surgery* edition. (pp. 329-59). New York, NY: Marcell Dekker.
- CH004. Armstrong, W. B., MD, Netterville, J. L. (2001). First Branchial Cleft Fistulae and Cysts. In B. J. Bailey, K. H. Calhoun, N. R. Friedman, S. D. Newlands, J. T. Vrabec (Eds.), *Atlas of Head and Neck Surgery-Otolaryngology*, 2nd Ed edition. (pp. 314-15). Philadelphia: Lippincott Williams and Wilkins.
- CH003. Crumley, R. L., MD, Scott, T. A., Armstrong, W. B., MD (1998). Rehabilitation of Facial Paralysis. In C. Cummings, J. Fredrickson, L. Harker, C. Krause, D. Schuller, M. Richardson (Eds.), *Otolaryngology-Head and Neck Surgery* 3rd Ed. edition. Vol. 2. (pp. 1303-23). St. Louis: Mosby.
- CH002. Keschner, D. A., MD, Armstrong, W. B., MD (1998). The Evaluation of Laryngitis and Pharyngitis in The Primary Care Setting. In E. G. Quilligan MD, M. Blumenfeld MD, C. B. Evans MD, M. Kim (Eds.), *In the Handbook of OB/GYN and Primary Care* edition. (pp. 599-607). St. Louis: Mosby.
- CH001. Armstrong, W. B., MD, Netterville, J. L., MD (1996). First Branchial Cleft Fistulae and Cysts. In B. Bailey (Ed.), (pp. 312-313). Philadelphia: Lippincott-Raven.

#### **Commentaries/Prospectives/Review Articles**

Armstrong, W. B. (2011). (Chapter 29: Transoral Resections). Philadelphia, United States. Elsevier. *Atlas of Head and Neck Surgery*.

#### **Journal Articles, Other**

Moshtaghi, O., Kelley, K., Armstrong, W. B., Ghavami, Y., Gu, J., Djalilian, H. Applications of Google Glass in Otolaryngology Surgery. *Otolaryngol Head Neck Surg*.

#### **Journal Articles, Peer-Reviewed**

- P057. Kuan, E. C., Badran, K. W., Passy, V., MD, Armstrong, W. B. (2014). Medical Students' Comfort Levels with Performing the Basic Head and Neck Examination in Practice: Follow-up During the Core Clerkship Year. *Journal of Surgical Education*, Epub 8-25-2014.
- P056. Badran, K., Kelley, K., MD, Conderman, C., MD, Mahboubi, H., MD, Armstrong, W. B., Bhandarkar, N. (2014). Improving Applicant Section: Identifying Qualities of Unsuccessful Otolaryngology Resident. *The Laryngoscope*, Epub 8-5-2014.
- P055. Mahboubi, H., MD, Salibian, A. A., MC, Wu, E. C., Patel, M. S., Armstrong, W. B. (2013). Contributing Factors to Adoption of Medical Records in Otolaryngology Offices. *Laryngoscope*, 123(11), 2658-63.

- P054. Armstrong, W. B., Taylor, T. H., Kennedy, A. R., Melrose, R. J., Messadi, D. V., Gu, M., Le, A. D., Perloff, M., Civantos, F., Goodwin, W. J., Wirth, L. I., Kerr, A. R., Meyskens, F. L., MD (2013). Bowman Birk Inhibitor Concentrate and Oral Leukoplakia: A Randomized Phase IIb Trial. *Cancer Prev Res (Phila)*, 6(5), 410-8.
- P053. Mahboubi, H., MD, Salibian, A. A., MD, Wu, E. C., Patel, M. S., Armstrong, W. B. (2013). The Role and Utilization of Electronic Medical Records in Ambulatory Otolaryngology. *Laryngoscope*, 123(10), 2418-22.
- P052. Wu, E. C., Passy, V., MD, Armstrong, W. B. (2011). Preliminary Evaluation of Junior Medical Students' Exposure and Comfort with Performing the Basic Head and Neck Examination. *Laryngoscope*, 121(7), 1431-5.
- P051. Rubinstein, M., MD, Armstrong, W. B. (2011). Transoral laser microsurgery for laryngeal cancer: A primer and review of laser dosimetry. *Lasers Med Sci*, 26(1), 113-24.
- P050. Ridgway, J. M., MD, Parikh, D. A., MD, Wright, R., MD, Holden, P., MD, Armstrong, W. B., Camilon, F., MD, Wong, B. J.-f. (2010). Lemierre Syndrome: A pediatric case series and review of literature. *American Journal of Otolaryngology*, 31(1), 38-45.
- P049. Taylor, T. H., MD, Armstrong, W. B., Meyskens, F. L. (2010). Effectiveness of Chemoprevention Agents is Underestimated when Lesion Sizes are Rounded. *Cancer Preventions Research (Phila)*, 3(2), 136-9.
- P048. Rubinstein, M., Fine, E., Sepehr, A., Armstrong, W. B., Crumley, R., Kim, J., Chen, Z., Wong, B. (2010). Optical Coherence Tomography of the Larynx Using the Niris System. *Journal of Otolaryngology-Head & Neck Surgery*, 39(2), 150-6.
- P047. Kaiser, M. L., Rubinstein, M., Vokes, D. E., Ridgway, J. M., Guo, S., Gu, M., Crumley, R. L., Armstrong, W. B., Chen, Z., Wong, B. (2009). Laryngeal Epithelial Thickness: A Comparison Between Optical Coherence Tomography and Histology. *Clinical Otolaryngology*, 34(5), 460-6.
- P046. Sepehr, A., Gutierrez Santos, B. J., Chou, C., Karimi, K., Devcic, Z., Oels, S., Armstrong, W. B. (2009). Antibiotics in Head and Neck Surgery: Malnutrition, Tracheotomy, and Diabetes. *Laryngoscope*, 119, 549-553.
- P045. Vokes, D., MD, Jackson, R., Guo, S., Perez, J., Su, J., Ridgway, J., MD, Armstrong, W. B., Chen, Z., Wong, B. J.-f. (2008). Optical Coherence Tomography-Enhanced Microlaryngoscopy; Preliminary Report of Non-Contact Optical Coherence Tomography System Integrated with a Surgical Microscope. *Annals of Otology, Rhinology & Laryngology*, 117(7), 538-547.
- P044. Sepehr, A., MD, Armstrong, W. B., Guo, S., Su, J., Perez, J., Chen, Z., Wong, B. J.-f. (2008). Optical coherence tomography of the larynx in the awake patient. *Otolaryngol Head Neck Surg*, 138(4), 425-9.
- P043. Sepehr, A., MD, Albers, G. C., MD (2007). Aspiration of a Capsule Endoscope and Description of a Unique Retrieval Technique. *Otolaryngol Head Neck Surgery*, 137(6), 965-6.
- P042. McKay, S. P., Shibuya, T. Y., MD, Armstrong, W. B., MD, Wong, H. S., MD, Panossian, A. M., Ager, J., Mathog, R. H. (2007). Cell Carcinoma of the Paranasal Sinuses and Skull Base. *American Journal of Otolaryngol*, 28(5), 294-301.

- P041. Westhout, F. D., Mathews, M., Pare, L. S., Armstrong, W. B., Tully, P., Linskey, M. E., MD (2007). Recognizing Schwannomatosis and Distinguishing it from Neurofibromatosis Type 1 or 2. *J Spinal Disord Tech*, 20(4), 329-332.
- P040. Westhout, F., Hasso, A., MD, Armstrong, W. B., Afghani, B., Nwagwu, C., Ackerman, L. (2007). Lemierre Syndrome Complicated by Cavernous Sinus Thrombosis, Development of Subdural Empyemas, and Internal Carotid Artery Narrowing Without Cerebral Infarction. *Journal of Neurosurgery*, 106(1 suppl), 53-6.
- P039. Ridgway, J. M., MD, Armstrong, W. B., Guo, S., Mahmood, U., Su, J., Jackson, R. P., Shibuya, T., MD, Crumley, R. L., MD, Gu, M., Chen, Z., Wong, B. J., MD (2006). In Vivo Optical Coherence Tomography of the Human Oral Cavity and Oropharynx. *Arch Otolaryngol Head and Neck Surgery*, 132(10), 1074-81.
- P038. Vokes, D. E., MD, Linskey, M. E., Armstrong, W. B. (2006). Propofol Lipemia Mimicking Chyle Leak During Neck Dissection. *Head and Neck*, 28(12), 1147-9.
- P037. Bonadio, J., Armstrong, W. B., Gu, M. (2006). Eccrine Porocarcinoma: Report of a Case with Fine Needle Aspiration Cytology, Histopathology and Immunohistochemistry. *Acta Cytol*, 60, 476.
- P036. Armstrong, W. B., Ridgway, J. M., MD, Vokes, D. E., MD, Guo, S., Perez, J., Jackson, R. P., Gu, M., Su, J., Crumley, R. L., MD, Shibuya, T. Y., MD, Mahmood, U., Chen, Z., Wong, B. J.-f. (2006). Optical Coherence Tomography of Laryngeal Cancer. *Laryngoscope*, 116, 1107-13.
- P035. Mahmood, U., Ridgway, J., MD, Jackson, R., Guo, S., Su, J., Armstrong, W. B., Shibuya, T., MD, Crumley, R., MD, Chen, Z., Wong, B. J.-f. (2006). In Vivo Optical Coherence Tomography of the Nasal Mucosa. *American Journal of Rhinology*, 20(2), 115-9.
- P034. Nassif, N. A., Armstrong, W. B., Wong, B. J.-f., de Boer, F. F. (2005). Measurement of Morphologic Changes Induced by Trauma with the Use of Coherence Tomography in the Porcine Vocal Cords. *Otolaryngol Head and Neck Surgery*, 133(6), 845-50.
- P033. Wong, B. J.-f., Jackson, R. P., Guo, S., Ridgway, J. M., Mahmood, U., Su, J., Shibuya, T. Y., Crumley, R. L., MD, Gu, M., Armstrong, W. B., Chen, Z. (2005). In Vivo Optical Coherence Tomography of the Human Larynx: Normative and Benign Pathology in 82 Patients. *Laryngoscope*, 115(11), 1904-11.
- P032. Armstrong, W. B., Karamzadeh, A. M., Crumley, R. L., MD, Kelley, T. F., MD, Jackson, R. P., Wong, B. J.-f. (2005). A Novel Laryngoscopy Instrument Stabilizer for Operative Microlaryngoscopy. *Otolaryngology Head and Neck Surgery*, 132(3), 471-7.
- P031. Armstrong, W. B., Taylor, T. H., Meyskens, F. L. (2005). Can a Marker Be a Surrogate for Development of Cancer and Would We Know It If It Exists. *Recent Results Cancer Res.*, 166, 99-112.
- P030. Shibuya, T. Y., Kim, S., Nguyen, K., Do, J., McLaren, C. E., Li, K. T., Chen, W. P., Parikh, P., Wadhwa, A., Zi, X., Chen, V. Y., Wong, H. S., Armstrong, W. B., Goo, G. H. (2004). Bioactive Suture: A Novel Immunotherapy for Head and Neck Cancer. *Clin Cancer Res*, 10(20), 7088-99.
- P029. Gabr, E. M., Kobayashi, M. R., Salibian, A. H., MD, Armstrong, W. B., Sundine, M., Calvert, J. W., Evans, G. R. (2004). Oromandibular Reconstruction with Vascularized Free Flaps: a review of 50 cases. *Microsurgery*, 24(5), 374-7.

- P028. Gabr, E. M., Kobayashi, M. R., Salibian, A. H., MD, Armstrong, W. B., Sundine, M., Calvert, J. W., Evans, G. R. (2004). Role of Ulnar Forearm Free Flap in Oromandibular Reconstruction. *Microsurgery*, 24(4), 285-8.
- P027. Gabr, E., Kobayashi, M. R., Salibian, A. H., Armstrong, W. B., Sundine, M., Calvert, J. W., Evans, G. R. (2004). Mandibular Reconstruction: Are Two Flaps Better Than One?. *Annals Plastic Surgery*, 52(1), 31-5.
- P026. Armstrong, W. B., Wan, X. S., Kennedy, A. R., Taylor, T. H., PhD, Meyskens, F. L. (2003). Development of the Bowman-Birk Inhibitor for oral cancer chemoprevention and analysis of Neu Immunohistochemical staining intensity with Bowman-Birk inhibitor concentrate treatment. *Laryngoscope*, 113(10), 1687-702.
- P025. Armstrong, W. B., Taylor, T. H., Meyskens, F. L. (2003). Point: Surrogate end Point Biomarkers are likely to be limited in their usefulness in development of cancer chemoprevention agents against sporadic cancers. *Cancer Epidemiology, Biomarkers and Prevention*, 12(7), 589-92.
- P024. Lee, F., Armstrong, W. B. (2003). Use of Hydroactive Hydrocolloid Dressing to Prevent Intraoperative Mechanical Spread of Tumor Cells. *Laryngoscope*, 113(2), 389-90.
- P023. Chao, K. H., Cheung, E., Armstrong, W. B., Wong, B. J.-f. (2002). The Effect of Optical Design on Micromanipulator Spot Size Using CO<sub>2</sub> Laser Irradiation. *Otolaryngology-Head and Neck Surgery*, 126(6), 593-97.
- P022. Armstrong, W. B., Neev, J. A., Da Silva, L. B., Feit, M. D., Matthews, D. L., Perry, M., Rubenchik, A. M., Stuart, B. (2002). Ultrashort Pulse Laser Ossicular Ablation and Stapedotomy in a Cadaver Bone. *Lasers in Surgery and Medicine*, 30(3), 216-20.
- P021. Karamzadeh, A., Armstrong, W. B. (2001). Aquatic Activities after Total Laryngectomy: A Case Series and Review of the Literature. *Otolaryngology-Head and Neck Surgery*, 125, 528-32.
- P020. Armstrong, W. B., Kennedy, A. R., Wan, X. S., Taylor, T. H., Jensen, J., Thompson, W., Lagerberg, W., Meyskens, F. L. (2000). Clinical Modulation of Oral Leukoplakia and Protease Activity by Bowman-Birk Inhibitor Concentrate a Phase IIa Chemoprevention Trial. *Clinical Cancer Research*, 6(12), 4684-91.
- P019. Rodgers, P. J., Armstrong, W. B., Dana, E. (2000). Killian-Jamieson Diverticulum: A case report and review of the literature. *Annals Otolaryngology, Rhinology, Laryngology*, 109(11), 1087-91.
- P018. Armstrong, W. B., Meyskens, F. L. (2000). Chemoprevention Head and Neck Cancer. *Otolaryngology-Head and Neck Surgery*, 122(5), 728-35.
- P017. Wu, Y. Z., Crumley, R., Armstrong, W. B., Caiozzo, V. (2000). New Perspectives about Human Laryngeal Muscle: Single Fiber Analyses and Interspecies Comparisons. *Archives Otolaryngology-Head and Neck Surgery*, 126(7), 857-64.
- P016. Armstrong, W. B., Kennedy, A. R., Wan, X. S., Atiba, J., McLaren, C. E., Meyskens, F. L. (2000). Single Dose Administration of Bowman-Birk Inhibitor Concentrate (BBIC) in Patients with Oral Leukoplakia. *Cancer Epidemiology, Biomarkers and Prevention*, 9(1), 43-7.
- P015. Gallivan, R. P., Armstrong, W. B., Nguyen, T. H. (1999). Head and Neck CT Virtual Endoscopy: Evaluation of a new Imaging Technique. *Laryngoscope*, 109(10), 1570-9.

- P014. Salibian, A. H., MD, Allison, G. R., MD, Armstrong, W. B., Krugman, M. E., MD, Strelzow, V. V., MD, Kelley, T., MD, Brugman, J. J., Hoerauf, P., McMicken, B. L. (1999). Functional Hemitongue Reconstruction with the Microvascular Ulnar Forearm Flap. *Plastic and Reconstructive Surgery*, 104(3), 654-60.
- P013. Wan, X. S., Meyskens, F. L., Armstrong, W. B., Taylor, T. H., Kennedy, A. R. (1999). Relationship Between Protease Activity and Neu Oncogene Expression in Patients with Oral Leukoplakia treated with the Bowman Birk Inhibitor. *Cancer Epidemiology, Biomarkers and Prevention*, 8(7), 601-8.
- P012. Messina-Doucet, M., Armstrong, W. B., Allison, G. A., MD, Pena, F., Kim, J., MD (1998). Kimura's Disease: Two case reports and literature review. *Annals Otolaryngology, Rhinology, Laryngology*, 107(12), 1066-71.
- P011. Li, K. K., Salibian, A. H., Wong, B. J.-f., Allison, G. R., MD, Krugman, M. E., MD, Armstrong, W. B., Wong, B., Kelley, T. F. (1998). Pharyngoesophageal Reconstruction with the Ulnar Forearm Flap. *Archives Otolaryngology-Head and Neck Surgery*, 124(10), 1146-51.
- P010. Armstrong, W. B., Giglio, M. F. (1998). Is This Lump in the Neck Anything to Worry About? How To Recognize Warning Signs of an Abnormal Mass. *Postgraduate Medicine*, 104(3), 63-78.
- P009. Stanley, Jr, R. B., Armstrong, W. B., Fetterman, B. L., Shindo, M. L. (1997). Management of External Penetrating Injuries into the Hypopharyngeal-Cervical Esophageal Funnel. *Journal of Trauma*, 42(4), 675-9.
- P008. Civantos, F., Burkey, B. B., Armstrong, W. B. (1997). The Lateral Arm Microvascular Flap in Head and Neck Reconstruction. *Arch Otolaryngol Head Neck Surg*, 123(8), 830-6.
- P006. Armstrong, W. B., MD, Netterville, J. L., MD (1995). Anatomy of the Larynx, Trachea, and Bronchi. *Otolaryngology Clinics of North America*, 28(4), 685-99.
- P005. Armstrong, W. B., MD, Peskind, S. P., Bressler, K. L., Crockett, D. M. (1995). Airway Obstruction During Pregnancy Secondary to Rhinoscleroma. *Ear Nose & Throat Journal*, 74(11), 630-34.
- P004. Netterville, J. L., MD, Reiber, M. E., Reilly, M. K., Armstrong, W. B., MD (1995). Carotid Body Tumors: A Review of Thirty Patients with Forty-Six Tumors. *Laryngoscope*, 105(2), 115-26.
- P003. Fetterman et al. (1995). Management of Traumatic Hypopharyngeal Injuries. *Laryngoscope*, 105(1), 8-13.
- P002. Armstrong, W. B., MD, Detar, T. R., Stanley, R. B. (1994). Diagnosis and Management of External Penetrating Cervical Esophageal Injuries. *Annals Otolaryngology, Rhinology, Laryngology*, 103(11), 863-71.
- P001. Armstrong, W. B., MD, Funk, G. M., Rice, D. H., MD (1994). Acute Airway Compromise Secondary to Traumatic Thyroid Hemorrhage. *Archives Otolaryngology-Head and Neck Surgery*, 120(4), 427-30.

### Manuscripts

Tjoa, T., MD, Armstrong, W. B. Manuscript in preparation. Transoral Laser Microsurgery for Laryngeal Cancer.

Armstrong, W. B., Lazarow, F. B. *Practical Endoscopy for Laser Interventions of the Upper Aerodigestive Tract*. Manuscript in preparation. Biomedical Optics in Otorhinolaryngology, Head and



Neck Surgery; Principles and Practices.

## **Presentations Given**

ENT for the PA-C Annual Conference, "Ultrasound in ENT," The Fairmont Newport Beach, CA. (March 21, 2015).

Los Angeles Society of Otolaryngology-Head and Neck Surgery, "Head and Neck Ultrasound," Los Angeles, CA. (March 16, 2015).

2015 UC Irvine Otolaryngology Updates, "Parathyroid Surgery: What's new?," Palm Desert, CA. (February 14, 2015).

UCI MSII Student Physical Exam, "Head and Neck Oncology," UC Irvine Medical Center, Orange, CA. (January 31, 2015).

Clinical Congress 2014, "Interpretation of Thyroid and Parathyroid Ultrasound," San Francisco, CA. (October 28, 2014).

Armstrong, W. B., Los Alamitos Medical Center, Grand Rounds, "Head and Neck Cancer," Los Alamitos, California. (April 28, 2014).

Care of the Head and Neck Surgical Patient, "Common Head and Neck Surgeries," University of California, Irvine, UC Irvine Medical Center, Orange, California. (April 21, 2014).

USC Grand Rounds, "Ultrasound in the Head and Neck," Los Angeles, CA. (April 11, 2014).

Armstrong, W. B., UCI Emergency Medicine Grand Rounds, "Head and Neck Cancers," UC Irvine Medical Center, Orange, California. (April 9, 2014).

Armstrong, W. B., UCI MSII Student Physical Exam Course, "Head and Neck Oncology," Orange, California. (March 15, 2014).

Armstrong, W. B., 2014 UC Irvine Otolaryngology Updates, "Robotic Surgery of the Head and Neck," La Quinta, Palm Desert, California. (February 18, 2014).

Armstrong, W. B., 2014 UC Irvine Otolaryngology Updates, "Invasive Thyroid Cancer, Recognition and Management," La Quinta, Palm Desert, California. (February 15, 2014).

Armstrong, W. B., Placentia Linda Hospital Grand Rounds CME Program, "Thyroid Cancer: Diagnosis and Management," Placentia, California. (October 21, 2013).

Armstrong, W. B., UC Irvine Otolaryngology for the Primary Care Provider, "Evaluation and Management of Neck Masses," Orange, California. (May 11, 2013).

Armstrong, W. B., UC Irvine Otolaryngology for the Primary Care Provider, "Evaluation and Management of Thyroid Nodules," Orange, California. (May 11, 2013).

Care of the Head and Neck Surgical Patient, "Common Head and Neck Surgeries," University of California, Irvine, UC Irvine Medical Center, Orange, California. (April 15, 2013).

Armstrong, W. B., 2013 UC Irvine Otolaryngology Updates, "Oropharyngeal Cancer and HPV," Palm Desert, California. (February 19, 2013).

Armstrong, W. B., 2013 UC Irvine Otolaryngology Updates, "Challenges in Managing the Thyroid Nodule," Palm Desert, California. (February 16, 2013).

- Armstrong, W. B., UCI MSII Student Physical Exam, "Head and Neck Oncology," UC Irvine Medical Center. (February 2, 2013).
- Armstrong, W. B., ACS Thyroid and Parathyroid Ultrasound Course and UCSF Head and Neck Endocrine Surgery and H&N Cancer Update, "Challenges and Pearls in Parathyroid Surgery," San Francisco, California. (November 10, 2012).
- Armstrong, W. B., ACS Thyroid and Parathyroid Ultrasound Course and UCSF Head and Neck Endocrine Surgery and H&N Cancer Update, "Surgery of the Lateral Neck in Thyroid Cancer," San Francisco, California. (November 9, 2012).
- Armstrong, W. B., ACS Thyroid and Parathyroid Ultrasound Course and UCSF Head and Neck Endocrine Surgery and H&N Cancer Update, "Physics and Principles of head and Neck Ultrasound," San Francisco, California. (November 8, 2012).
- Armstrong, W. B., UC Irvine Neurosurgery Grand Rounds, "Tracheostomy: Airway Management," UC Irvine Medical Center. (September 21, 2012).
- Care of the Head and Neck Surgical Patient, "Common Head and Neck Surgeries," University of California, Irvine, UC Irvine Medical Center, Orange, California. (April 23, 2012).
- Armstrong, W. B., 2012 UC Irvine Otolaryngology Updates, "Contemporary Management of Parathyroid Tumors," La Quinta, CA. CME Course. (February 18, 2012).
- Care of the Head and Neck Surgical Patient, "Common Head and Neck Surgeries," University of California, Irvine, UC Irvine Medical Center, Orange, California. (September 26, 2011).
- Armstrong, W. B., Primary Care Meets Surgical Subspecialty Care-Partners in the Healing Process, "Thyroid Cancer," UC Irvine Medical Center, Orange, CA. (June 11, 2011).
- Armstrong, W. B., UC Irvine, Otolaryngology Clinical Updates 2011, "Contemporary Management of Early Laryngeal Cancers," UC Irvine Medical Center, Orange, CA. (June 10, 2011).
- Armstrong, W. B., UC Irvine, Otolaryngology for the Primary Care Provider, "Evaluation and Management of Neck Masses," UCI, Irvine, CA. (April 2, 2011).
- Armstrong, W. B., Cedars-Sinai Medical Center, "Head and Neck Melanoma: Surgical Issues," Los Angeles, CA. (March 23, 2011).
- Armstrong, W. B., UC Irvine Otolaryngology Updates 2011, "Parathyroid Surgery: The Ins and Outs," Indian Wells, CA. (February 22, 2011).
- Armstrong, W. B., UC Irvine Otolaryngology Updates 2011, "Mastering Parotidectomy," Indian Wells, CA. (February 19, 2011).
- Armstrong, W. B., UCI MSII Student Physical Exam, "Head and Neck Oncology," UC Irvine Medical Center, Orange, CA. (February 5, 2011).
- Armstrong, W. B., UC Irvine Otolaryngology Clinical Updates 2010, "Evaluation and surgical Management of the Neck in Thyroid Cancer," UC Irvine Medical Center, Orange, CA. (June 18, 2010).
- Armstrong, W. B., UC Irvine Otolaryngology Clinical Updates 2010, "Office-Based Ultrasonography for Thyroid Tumor Management," UC Irvine Medical Center, Orange, CA. (June 18, 2010).

- Armstrong, W. B., UCI MSII Student Physical Exam 2010, "Head and Neck Oncology," UCI Medical Center, UC Irvine Medical Center, Orange, CA. (February 20, 2010).
- Armstrong, W. B., UCI Otolaryngology Updates 2010, "Contemporary Management of Laryngeal Cancer," Indian Wells, CA. (February 16, 2010).
- Armstrong, W. B., UCI Otolaryngology Updates 2010, "Management of the Thyroid Nodule," Indian Wells, CA. (February 14, 2010).
- Armstrong, W. B., UC Irvine Otolaryngology Updates 2010, "Parapharyngeal Space Tumors," Indian Wells, CA. (February 13, 2010).
- Armstrong, W. B., SPIE Photonics West/Bios Symposium, "CO2 Laser Transoral Laser Microsurgery of Head and Neck Cancer: Lessons Learned Over Ten Years," San Francisco, CA. (January 24, 2010).
- Armstrong, W. B., The Research Study Club of Los Angeles, "Patient Safety and Surgical Excellence. Recent Advances in Otolaryngology," Los Angeles, CA. (January 16, 2010).
- Armstrong, W. B., 5th Annual International Head and Neck Symposium, "Surgical Safety and Teamwork in the O.R.," Keck School of Medicine, USC, USC, Los Angeles, CA. (July 11, 2009).
- Armstrong, W. B., UC Irvine Otolaryngology Updates, "What's New in Management of Zenker's Diverticula and CP Spasm?," UC Irvine Medical Center, Orange, CA. (June 12, 2009).
- Armstrong, W. B., Department of Family Medicine, UC Irvine, "Evaluation of Neck Masses," UC Irvine Department of Family Medicine, Santa Ana Clinic. (May 11, 2009).
- Armstrong, W. B., UC Irvine Skull Base Symposium, "The Role for Craniofacial Resection in Oncology and Reconstruction of Skull Base Defects," UC Irvine Medical Center, Orange, CA. (April 25, 2009).
- Armstrong, W. B., The 29th Annual Conference of the American Society for Laser Medicine and Surgery, "Transoral Laser Resections of Laryngeal Cancer: An Evolving Treatment Paradigm," Gaylord National Resort and Convention Center in National Harbor. (April 4, 2009).
- Armstrong, W. B., UCI MSII Student Physical Exam Course 2010, "Head and Neck Oncology," UCI Medical Center. (February 21, 2009).
- Armstrong, W. B., UC Irvine Otolaryngology Updates 2009, "Ultrasound in Otolaryngology," Palm Desert Rancho Mirage, CA. (February 15, 2009).
- Armstrong, W. B., The Research Study Club 2009, "Minimally Invasive Surgery for Laryngeal Cancer," Panel: Clinical Frontier in Otolaryngology, Los Angeles, CA. (January 16, 2009).
- Armstrong, W. B., Department of Otolaryngology-HNS, Grand Rounds Conference, "Surgical Excellence and OR Safety," UC Irvine Medical Center, Orange, CA. (September 17, 2008).
- Armstrong, W. B., Joint Anglo-American Meeting, The Royal College of Surgeons, "Laryngeal Dysplasia," Dublin, Ireland. (July 6, 2008 - July 8, 2008).
- Armstrong, W. B., Pacific Coast Oto-Ophthalmological Society, "Surgical Quality, Excellence and Error Reduction in the OR," Newport Beach, CA. (June 20, 2008).

- Armstrong, W. B., The 9th Annual UC Irvine Otolaryngology Clinical Update and Research Symposium, "Making Sense of Treatment Options for Laryngeal Cancer," UC Irvine Medical Center, Orange, California. (June 20, 2008).
- Armstrong, W. B., Pfiedler Enterprises, "Endoscopic Therapy for Cancer of the Larynx & Hypopharynx. New Surgical Strategies for Treatment of Head and Neck Tumors," Newport, CA. (June 1, 2008).
- Armstrong, W. B., UCI MSII Student Physical Exam 2008, "Head and Neck Oncology," UCI Medical Center, Orange, California. (May 8, 2008).
- Armstrong, W. B., 2008 Head and Neck Surgery/Oral Cancer Update Symposium for Kaiser Permanente, "Screening for Oropharyngeal Cancer. Is it Effective? Who are the Populations at Risk?," Disney Grand Californian, Anaheim, CA. (April 12, 2008).
- Armstrong, W. B., 2008 Head and Neck/Oral Cancer Update Symposium for Kaiser Permanente, "The Advances in Ultrasound Use in the Head and Neck," Disney Grand Californian Hotel, Anaheim, CA. (April 12, 2008).
- Armstrong, W. B., 38th Annual Bernstein Otolaryngology Update Course, "Parathyroid Surgery," Phoenix, AZ. (February 26, 2008).
- Armstrong, W. B., 38th Annual Bernstein Otolaryngology Update Course, "Ultrasound in Otolaryngology," Phoenix, AZ. (February 25, 2008).
- Armstrong, W. B., Orange County Lost Chord Club Meeting, "What's New in Head and Neck and Laryngeal Cancer," Queen Mary Long Beach, CA. (October 5, 2007 - October 6, 2007).
- Armstrong, W. B., Grand Rounds, Department of Radiation Oncology, "Transoral Laser Surgery for Head and Neck Cancer," UC Irvine Medical Center, Orange, California. (September 27, 2007).
- Armstrong, W. B., Third Annual Head and Neck Symposium, "Imaging in Head and Neck Cancer for Early Detection," University of Southern California, Los Angeles, CA. (August 3, 2007).
- Armstrong, W. B., 91st Annual Meeting of Pacific Coast Oto-Ophthalmological Society, "Ultrasound: Basic Principles and Techniques," Turtle Bay, HI. (June 25, 2007).
- Armstrong, W. B., 91st Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "A Current Approach to the Thyroid Mass," Turtle Bay, HI. (June 25, 2007).
- Armstrong, W. B., 8th Annual Resident Graduation Conference, Dept. of Otolaryngology, "Getting Started in Ultrasound," Department of Otolaryngology, UC Irvine, UC Irvine Medical Center, Orange, California. (June 8, 2007).
- Armstrong, W. B., Toshiba America Medical Systems Headquarters, "Ultrasound Hands on Demonstration," Tustin, California. (May 16, 2007).
- Armstrong, W. B., Lecture on Basics of Ultrasound for Resident Teaching (2 hrs.), "Head and Neck Ultrasound," UC Irvine Medical Center, UC Irvine Medical Center, Orange, California. (May 9, 2007).
- Armstrong, W. B., Department of Rehabilitation Medicine, UC Irvine, "Head and Neck Cancer," UC Irvine Medical Center, Orange, California. (April 16, 2007).

- Armstrong, W. B., Department of Medicine Conference, Long Beach VA Medical Center, "Masses and Lesions of the Oral Cavity," Long Beach VA Medical Center, Long Beach, California. (March 23, 2007).
- Armstrong, W. B., American Academy of Professional Coders Orange County Chapter Meeting, "Head and Neck Cancer," UC Irvine Medical Center, UC Irvine Medical Center, Orange, California. (March 14, 2007).
- Armstrong, W. B., Biology of Cancer, "Head and Neck Cancer," Bio 25, UC Irvine, UCI, Irvine, California. Lecture. (February 27, 2007).
- Armstrong, W. B., Grand Rounds, Department of Otolaryngology, UC Irvine, "Head and Neck Cancer," Department of Otolaryngology, UC Irvine, UC Irvine Medical Center, Orange, California. (February 21, 2007).
- Armstrong, W. B., Grand Rounds, Department of Family Medicine, UC Irvine, "Evaluation of Neck and Thyroid Masses," Department of Family Medicine, UC Irvine, Santa Ana, California. (November 6, 2006).
- Armstrong, W. B., Grand Rounds, Department of Surgery, UC Irvine, "Head and Neck Cancer," Department of Surgery, UC Irvine, UC Irvine Medical Center, Orange, California. (November 2, 2006).
- Armstrong, W. B., Grand Rounds, Alhambra Hospital, "Evaluation of the Neck Mass," Alhambra Hospital, Alhambra, California. (October 17, 2006).
- Armstrong, W. B., 2nd Annual International Head and Neck Symposium, "OCT as a diagnostic tool for HNSCC," Keck School of Medicine, USC School of Dentistry, USC, Los Angeles, CA. (August 4, 2006).
- Armstrong, W. B., 7th Annual Research Symposium, "Ultrasonography and the Head and Neck Surgeon," Department of Otolaryngology, UC Irvine, UC Irvine Medical Center, Orange, CA. (June 16, 2006).
- Armstrong, W. B., Grand Rounds, Department of Radiation Oncology, "Transoral Resections of Head and Neck Cancer," UC Irvine Medical Center, Orange, CA. (May 11, 2006).
- Armstrong, W. B., American Society for Laser Surgery and Medicine 26th, "Minimally Invasive Laser Resection of Head and Neck Cancer," Boston, Massachusetts. (April 7, 2006).
- Armstrong, W. B., American Society for Laser Surgery and Medicine 26th Annual Meeting, "Optical Coherence Tomography of the Larynx: In the Office and in the Operating Room," Boston, Massachusetts. (April 7, 2006).
- Armstrong, W. B., Biology of Cancer Lecture, UC Irvine, "Head and Neck Cancer," Bio 25, UC Irvine, Irvine, California. Lecture. (February 28, 2006).
- Ridgway, J. M., Armstrong, W. B., Vokes, D. E., Guo, S., Perez, J., Jackson, R. P., Gu, M., Su, J., Crumley, R. L., Shibuya, T. Y., Mahmood, U., Chen, Z., Wong, B. J.-f., Middle/Western Section Meeting of the American Laryngological, Rhinological and Otological Society, "In vivo optical coherence tomography of laryngeal cancer in 18 patients," San Diego, CA. (February 3, 2006).
- Kaiser, M. L. (Presenter), Vokes, D. E., Ridgway, J. M., Armstrong, W. B., Wong, B., Middle/Western Section Meeting of the American Laryngological, Rhinological and Otological

- Society, "The Native Microstructure of the Laryngeal Epithelium: A Comparison of in Vivo Optical Coherence Tomography and Histology," San Diego, CA. (February 3, 2006).
- Armstrong, W. B., Chao Family Comprehensive Cancer Center Carcinogenesis/Chemoprevention Retreat, "Update of BBIC for Oral Cancer Chemoprevention," UCI, Irvine, CA. Lecture. (December 5, 2005).
- Armstrong, W. B., Grand Rounds Kaiser Baldwin Park Family Practice, "Evaluation of the Neck Mass," Kaiser, Baldwin Park, CA. Lecture. (December 1, 2005).
- Armstrong, W. B., 91st Annual Clinical Congress of the American College of Surgeons, "The Appropriate Use of Neck Dissection in the Treatment of Head and Neck Cancer," Moscone Convention Center, San Francisco, CA. (October 19, 2005).
- Armstrong, W. B., Grand Rounds Department of Neurosurgery, "Head and Neck Oncology for the Neurosurgeon," UCI, Irvine, CA. Lecture. (October 5, 2005).
- Armstrong, W. B., Grand Rounds, Department of Otolaryngology-HNS, "Otolaryngologic Emergencies," UCI, Irvine, CA. Lecture. (July 6, 2005).
- Armstrong, W. B., 89th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Transoral Endoscopic Laser Resection for Head and Neck Cancer," Vancouver, BC Canada. (June 28, 2005).
- Armstrong, W. B., 89th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Optical Coherence Tomography of the Head and Neck: Reflection on our first 100 cases," Vancouver, BC Canada. (June 27, 2005).
- Armstrong, W. B., 6th Annual Research Symposium, "Transoral Endoscopic Laser Resection for Head and Neck Cancer," Department of Otolaryngology-Head and Neck Surgery, UC Irvine. (June 10, 2005).
- Armstrong, W. B., UCI Medical Student MSII Teaching Session, "Head and Neck Oncology," UC Irvine Medical Center, Orange, CA. (February 26, 2005).
- Armstrong, W. B., Western Section of the Triological Society Annual Meeting, "Panel Participant," Panel: Laryngology Panel, Las Vegas, NV. (February 5, 2005).
- Armstrong, W. B. (Presenter), McGuire, J. F. (Presenter), Western Sections of the Triological Society Annual Meeting, "A quick, simple effective and inexpensive dental splint for operative endoscopy," Las Vegas, NV. (February 3, 2005 - February 5, 2005).
- Armstrong, W. B., Western Section of the Triological Society Annual Meeting, "Head and Neck Oncology 2005-New Therapies, New Challenges," Las Vegas, NV. (February 4, 2005).
- Armstrong, W. B., Chao Family Comprehensive Cancer Center External Scientific Advisory Board Meeting, "Phase IIIb Randomized Trial of BBIC for Oral Leukoplakia," Newport Beach, CA. (February 3, 2005).
- Armstrong, W. B., Oral Presentation, "Interdisciplinary Problem-Solving in Cranio-Maxillofacial Surgery," Panel: Mandibular tumor reconstruction, Los Angeles, CA. Panel presentation on mandibular tumor reconstruction. (September 11, 2004).
- Armstrong, W. B., 6th International Conference of Head and Neck Cancer, "Operative Optical Coherence Tomography of the Larynx," Washington, DC. (August 8, 2004).

- Armstrong, W. B. (Poster), Messadi, D., Kennedy, A. R., Taylor, T. H., Gu, M., Nguyen, Q., LaMarre, C., Lagerberg, C., Meyskens, F. L., 6th International Conference of Head and Neck Surgery, "Bowman-Birk Inhibitor Concentrate vs. Oral Leukoplakia: Blinded Response, Safety and Accrual," Washington, DC. (August 8, 2004).
- Armstrong, W. B., 88th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Facial Nerve Disorders Panel," Waikoloa, HI. (June 26, 2004).
- Armstrong, W. B., 88th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Optical Coherence Tomography: An Emerging Technology for Laryngology," Waikoloa, HI. (June 26, 2004).
- Armstrong, W. B., 88th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Session Moderator," Waikoloa, HI. (June 26, 2004).
- Armstrong, W. B., 5th Annual Research Symposium, Department of Otolaryngology-HNS, "Chemoprevention and Biomarkers," University of California, Irvine. (June 18, 2004).
- Armstrong, W. B., Stopping Cancer: Oral Cancer Prevention and New Treatment Directions, "Oral Cancer Preventions with BBIC," UC Irvine and Chao Family Comprehensive Cancer Center, University of California, Irvine. CME and CDE Program. (May 22, 2004).
- Armstrong, W. B., Grand Rounds, Department of Otolaryngology-HNS, "What's New in Prevention, Early Detection and Risk Factor Modulation of Head and Neck Cancer," University of Southern California, USC, Los Angeles, CA. (April 16, 2004).
- Armstrong, W. B., Grand Rounds, Department of Medicine, "Common Oral Lesions," UC Irvine, University of California, Irvine. Lecture. (April 14, 2004).
- Armstrong, W. B., Bowman Birk Inhibitor Clinical Trial Investigators Retreat, "Biomarker Update for Oral Premalignancy," UC Irvine. (April 8, 2004).
- Armstrong, W. B., UCI Medical Student MSII Teaching Session, "Head and Neck Oncology," UC Irvine Medical Center, Orange, CA. Lecture. (March 13, 2004).
- Armstrong, W. B., Biology of Cancer Lecture, "Head and Neck Cancer," Bio 25, UC Irvine, University of California, Irvine. Lecture. (March 2, 2004).
- Armstrong, W. B., Controversies in Tumor Prevention and Genetics 2004, "Can a Marker Be a Surrogate for Development of Cancer and Would We Know It If It Existed," St. Gallen, Switzerland. (February 12, 2004).
- Armstrong, W. B. (Poster/Abstract), Lagerberg, W. J. (Poster/Abstract), Taylor, T. H. (Poster/Abstract), Carreon, D. C. (Poster/Abstract), Messadi, D. V. (Poster/Abstract), Kay, J. Y. (Poster/Abstract), Kennedy, A. R. (Poster/Abstract), Wan, X. S. (Poster/Abstract), Meyskens, F. L. (Presenter & Author), Frontiers in Cancer Prevention Research, "BBIC vs. Oral Leukoplakia: Response, Safety and Accrual: Will It Equal Success," Phoenix, Arizona. (October 26, 2003 - October 30, 2003).
- Armstrong, W. B., Department of Surgery, Surgery Resident In-Service/Board Review Conference, "Head and Neck SESAP," University of California, Irvine. (October 28, 2003).
- Armstrong, W. B., UC Irvine 2003 Cancer Center Conference, "Bowman-Birk Inhibitor Concentrate Development and Clinical Status," Palm Springs, California. (October 26, 2003).

- Armstrong, W. B., Chao Family Comprehensive Cancer Center Aerodigestive Cancer Retreat, "Bowman-Birk Inhibitor Concentrate Phase IIa and IIb Trials," Balboa Bay Club, Newport Beach, CA. (October 16, 2003).
- Armstrong, W. B., 87th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "What's New in Prevention, Detection, and Risk Factor Modulation for Head and Neck Cancer," San Diego, California. (June 24, 2003).
- Armstrong, W. B., 4th Annual Research Symposium, "Evaluation of a Novel Internal Microlaryngeal Instrument Stabilizer," Department of Otolaryngology-HNS, UC Irvine, University of California, Irvine. (June 19, 2003).
- Armstrong, W. B., Grand Rounds, Department of Otolaryngology-HNS, "Larynx Cancer," UC Irvine Medical Center, Orange, CA. (June 18, 2003).
- Armstrong, W. B., National Cancer Survivors Day Celebration at Chao Family Comprehensive Cancer Center, "The Art of Medicine," University of California, Irvine. (June 5, 2003).
- Armstrong, W. B., 106th Annual Meeting of the Triological Society, "Evaluation of a Novel Internal Microlaryngeal Instrument Stabilizer," Nashville, TN. (May 6, 2003).
- Armstrong, W. B., UC Irvine Faculty Poster Presentation, "Use of Hydroactive Hydrocolloid Dressing to Prevent Intraoperative Mechanical Spread of Tumor Cells," Irvine, California. (April 3, 2003).
- Armstrong, W. B., UCI Medical Student MSII Teaching Session, "Head and Neck Oncology," UC Irvine Medical Center, Orange, California. (March 15, 2003).
- Armstrong, W. B., Coastal Communities Hospital, "Update in Head and Neck Masses," Costa Mesa, California. (March 13, 2003).
- Armstrong, W. B., Chao Family Comprehensive Cancer Center Associate Director's Translational Research Retreat, "Group Leader, Head and Neck Cancer Work Group," UC Irvine. (February 28, 2003).
- Armstrong, W. B., Biology of Cancer Lecture, "Head and Neck Cancer," Bio 25, UC Irvine, University of California, Irvine. (February 13, 2003).
- Gabr, E. M. (Presenter), Kobayashi, M. R. (Presenter), Salibian, A. H. (Presenter), Armstrong, W. B. (Presenter), Sundine, M. (Presenter), Calvert, J. W. (Presenter), Evans, G. R. (Presenter), 18th Annual Meeting of the American Society for Reconstructive Microsurgery, "Mandibular Reconstruction: Two Flaps Better Than One?," Kauai, Hawaii. (January 13, 2003).
- Armstrong, W. B., Bio 218 Course Lecture, "Head and Neck Cancer," UC Irvine, University of California, Irvine. (December 5, 2002).
- Armstrong, W. B., California Association of Laryngectomees Annual Meeting, "State of the Art Medical Care for Total Laryngectomy," Garden Grove, CA. (October 25, 2002).
- Armstrong, W. B., Grand Rounds, Department of Otolaryngology, "Head and Neck Emergencies," University of California, Irvine. (July 17, 2002).
- Armstrong, W. B., 86th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Moderator, Otolaryngology Scientific Session: Otologic Disorders," Lake Tahoe, Nevada. (June 23, 2002).



- Armstrong, W. B., 86th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Moderator: Salivary Gland Neoplasms Panel," Lake Tahoe, Nevada. (June 22, 2002).
- Armstrong, W. B., 86th Annual Meeting of the Pacific Coast Oto-Ophthalmological Society, "Subscapular Tunneling of the Latissimus Dorsi Myocutaneous Flap," Lake Tahoe, Nevada. (June 22, 2002).
- Armstrong, W. B., UCI Medical Student Teaching Session, "Head and Neck Oncology," UC Irvine Medical Center, Orange. (March 9, 2002).
- Armstrong, W. B., Grand Rounds Diagnostic Medicine Service, "Contemporary Management of Head and Neck Cancer," Long Beach Veterans Affairs Medical Center, Long Beach, CA. (February 19, 2002).
- Armstrong, W. B., Biology of Cancer Biosci 25, "Head and Neck Cancer," UC Irvine, University of California, Irvine. (February 14, 2002).
- Armstrong, W. B., Grand Rounds Department of Radiation Oncology, "Thyroid Cancer," University of California, Irvine. (December 19, 2001).
- Armstrong, W. B., Biology of Cancer Seminar, "BBIC Phase II Trials," Chao Family Comprehensive Cancer Center, Orange, CA, Chao Family Comprehensive Cancer Center, Orange, CA. (August 22, 2001).
- Armstrong, W. B., Pacific Coast Oto-Ophthalmologic Society Annual Meeting, "Laryngectomees and Swimming," Maui, Hawaii. (June 25, 2001).
- Armstrong, W. B., Pacific Coast Oto-Ophthalmologic Society Annual Meeting, "Moderator, Head and Neck Panel," Maui, Hawaii. (June 25, 2001).
- Armstrong, W. B., 2nd Annual Research Symposium, Department of Otolaryngology, UC Irvine, "Phase II Clinical Trial of the Bowman Birk Inhibitor Concentrate on Oral Leukoplakia," UC Irvine Medical Center, Orange, CA. (June 22, 2001).
- Armstrong, W. B., 2nd Annual Research Symposium, Dept. of Otolaryngology, UC Irvine, "Moderator, Head and Neck Surgery Panel," UC Irvine Medical Center, Orange, CA. (June 22, 2001).
- Armstrong, W. B., American Head and Neck Society Annual Meeting, "Scientific Session Moderator," Palm Desert. (May 16, 2001).
- Armstrong, W. B., American Association of Dental Researchers Annual Meeting, "Can Soybeans Prevent Oral Cancer?," Chicago, IL. (March 9, 2001).
- Armstrong, W. B., Biosci 25, "Head and Neck Cancer," UC Irvine, University of California, Irvine. (March 1, 2001).
- Armstrong, W. B., Susan Samueli Center for Complementary & Alternative Medicine Colloquium, "Can Soybeans Prevent Cancer?," Irvine, CA. (February 6, 2001).
- Armstrong, W. B., Grand Rounds Department of Otolaryngology-HNS UC Irvine, "Head and Neck Cancer Staging." (January 17, 2001).

Armstrong, W. B., Western Section of the American Laryngological, Rhinological and Otological Society Annual Meeting, "Thyroid and Parathyroid Cancer Panel," La Costa, CA. (January 7, 2001).

Armstrong, W. B., Western Section of the American Laryngological, Rhinological and Otological Society Annual Meeting, "Use of an Ultrashort Pulse Laser for Middle Ear Bony Ablation in a Cadaver Preparation," La Costa, CA. (January 7, 2001).

Armstrong, W. B., UCI Chao Family Comprehensive Cancer Center CME Program, "Oral Cancer Prevention: Risk Factor Modification and Chemoprevention," UC Irvine Medical Center, Orange, CA. (November 13, 2000).

Armstrong, W. B., California Association of Laryngectomees Annual Meeting, "Anatomical Changes with Laryngectomy," Mission Inn, Riverside. (October 13, 2000).

Armstrong, W. B., Bio 218 Course Lecture, "Head and Neck Cancer," UC Irvine, University of California, Irvine. (October 12, 2000).

Armstrong, W. B., Pacific Coast Oto-Ophthalmological Society Annual Meeting, "Current Management of Thyroid and Parathyroid Disease," Cabo San Lucas, Mexico. (June 20, 2000).

Armstrong, W. B., Pacific Coast Oto-Ophthalmological Society Annual Meeting, "Virtual Endoscopy of the Head and Neck," Cabo San Lucas, Mexico. (June 18, 2000).

Armstrong, W. B., Grand Rounds, Department of Pathology, "Head and Neck Cancer," Long Beach VA Medical Center. (March 28, 2000).

Armstrong, W. B., Biology of Cancer: Bio Sci 25, "Head and Neck Cancer," Rowlings Hall, UC Irvine. (February 24, 2000).

Armstrong, W. B., AO ASIF Basic Course for Operating Room Personnel, "Mandibular Reconstruction," Redondo Beach, CA. (January 15, 2000).

Armstrong, W. B., AO ASIF Maxillofacial Course, "Mandibular Free Flap Fixation," Redondo Beach, CA. (January 15, 2000).

Armstrong, W. B., Grand Rounds, Department of Radiation Oncology, "Laryngeal Cancer," University of California, Irvine. (December 2, 1999).

Armstrong, W. B., The 1999 Symposium of the International College of Surgeons Annual Meeting, "Thyroid Cancer Management in the Next Millennium," Las Vegas, Nevada. (November 19, 1999 - November 21, 1999).

Armstrong, W. B., Grand Rounds, Department of Surgery, "Traumatic Hypopharyngeal and Cervical Esophageal Injuries," University of California, Irvine. (November 5, 1999).

Armstrong, W. B., Grand Rounds, Robert F. Kennedy, "Diagnosis and Management of Head and Neck Masses," Los Angeles, California. (October 28, 1999).

Armstrong, W. B., Pacific Coast Oto-Ophthalmological Society Meeting, "Cutaneous Malignancies Panel," Victoria, BC. (June 20, 1999).

Armstrong, W. B., Triological Society Annual Meeting, "Head and Neck CT Virtual Endoscopy: Evaluation of a New Imaging Technique," Palm Desert, California. (April 27, 1999).

- Armstrong, W. B., Chao Family Comprehensive Cancer Center, "Oral Cancer Prevention with BBIC. New Directions for the Prevention of Oral Cancer," UC Irvine Medical Center, Orange, California. (April 17, 1999).
- Armstrong, W. B., Grand Rounds, Department of Radiation Oncology, "Staging of Head and Neck Cancer," UC Irvine Medical Center, Orange, CA. (April 1, 1999).
- Armstrong, W. B., Grand Rounds, Department of Family Medicine, "Diagnosis and Evaluation of the Neck Mass," UC Irvine, Santa Ana, California. (March 16, 1999).
- Armstrong, W. B., Chao Family Comprehensive Cancer Center Directors Meeting, "Can Soy Cure Cancer?," UC Irvine Medical Center, Orange, California. (March 9, 1999).
- Armstrong, W. B., Biology of Cancer: Bio Sci 25, "Head and Neck Cancer," Rowlins Hall, UC Irvine. (February 23, 1999).
- Armstrong, W. B., Victor Valley Community Hospital, "Diagnosis and Evaluation of the Neck Mass," Victorville, California. (February 16, 1999).
- Armstrong, W. B., Kaiser Permanente, Bellflower, "Common Otolaryngology Problems in Primary Care," Bellflower, California. (February 10, 1999).
- Armstrong, W. B., UCI Operating Room Nursing in Service Meeting, "Head and Neck Cancer," UC Irvine Medical Center, Orange, California. (January 21, 1999).
- Armstrong, W. B., Presented a Translating Genetic Epidemiology into Chemoprevention Trials and Medical Practice Seminar, "Head and Neck Chemoprevention and Malignancies," Irvine Hall, University of California, Irvine. (December 16, 1998).
- Armstrong, W. B., Grand Rounds, Department of Radiation Oncology, "Head and Neck Cancer," University of California, Irvine. (December 3, 1998).
- Armstrong, W. B., Oral and Maxillofacial Surgery Lecture Series, "Diagnosis of Oral and Oropharyngeal Carcinoma," Long Beach VA Medical Center, Long Beach, CA. (November 9, 1998).
- Armstrong, W. B., UC, 1998 Cancer Center Conference, "Phase IIa Trial of Bowman Birk Inhibitor Concentrate (BBIC) Against Oral Leukoplakia," Hyatt Regency Suites, Palm Springs, California. (October 10, 1998).
- Armstrong, W. B., Recent Advances in Facial Plastic and Reconstructive Surgery, "Current Concepts in Management of Facial Fractures," UCLA. (August 22, 1998).
- Armstrong, W. B., Grand Rounds, St. Joseph's Hospital, "Head and Neck Cancer," Orange, California. (March 17, 1998).
- Armstrong, W. B., Lecture Presented at the Screening and Early Detection of Cancer for the Primary Care Physician: A Contemporary Review, "Aerodigestive Cancers: Does Chemoprevention Work?," UCI Chao Family Clinical Cancer Research Center, UCI College of Medicine. (November 8, 1997).
- Armstrong, W. B., General Medicine Conference, Kaiser Permanente Medical Group, "Common Otolaryngologic Problems," Bellflower, California. (April 17, 1997).

- Armstrong, W. B., Department of Otolaryngology, Vanderbilt University Medical Center, "Topics in Laryngology." Resident Recognition Weekend. (June 14, 1996 - June 15, 1996).
- Armstrong, W. B., Presentation to "Good Sounds" Laryngectomy Support Group, "Laryngeal Cancer," Presbyterian Intercommunity Hospital, Whittier, California. (May 18, 1996).
- Armstrong, W. B., Caring for the Head and Neck Patient, UC Irvine Nursing Education Program, "Anatomy & Physiology of the Head and Neck, and Common Cancers," UC Irvine Medical Center, Orange, CA. (March 15, 1996).
- Armstrong, W. B., Southern California Cancer Registrars Association, "Head and Neck Cancer, Diagnosis and Surgical Therapy." (February 9, 1996).
- Armstrong, W. B., Department of Geriatric Medicine, Grand Rounds, "Cancer Screening in the Head and Neck," Long Beach VA Medical Center, Long Beach, CA. (January 9, 1996).
- Armstrong, W. B., Pacific Coast Oto-Ophthalmological Society Meeting, "Trauma Panel," Maui, Hawaii. (June 28, 1995).
- Armstrong, W. B., UC Irvine, Facial Plastic and Reconstructive Surgery Conference, "Nerve Graft Options in Head and Neck Reconstruction," Irvine, California. (April 14, 1995).
- Armstrong, W. B., Internal Medicine Department Core Curriculum Lecture, "Office Otolaryngology for the Internist," UC Irvine, Irvine, California. (October 5, 1994).
- Armstrong, W. B., So. California Otolaryngology Basic Science Symposium, "Mandibular Reconstruction," UC Irvine, Irvine, California. (August 28, 1994).
- Armstrong, W. B., So. California Otolaryngology Basic Science Symposium, "Maxillofacial Trauma," UC Irvine, Irvine, California. (August 27, 1994).
- Armstrong, W. B., UC Irvine Facial Plastic Surgery Conference, "Frontal Sinus Trauma," UC Irvine, Irvine, California. (August 12, 1994).
- Armstrong, W. B. (Presenter), Detar, T. R. (Presenter), Stanley, R. B. (Presenter), Spring Meeting of the American Laryngological Association, "Diagnosis and Management of External Penetrating Cervical Esophageal Injuries," Palm Beach, Florida. (May 8, 1994).
- Netterville, J. L. (Presenter), Armstrong, W. B. (Presenter), Jackson, C. G. (Presenter), North American Skull Base Society Meeting, "Temporoparietal Fascial Flap Reconstruction of Skull Base Defects," Orlando, Florida. (February 22, 1994).
- Armstrong, W. B. (Presenter), Peskind, S. P. (Presenter), Bressler, K. L. (Presenter), Crockett, D. M. (Presenter), Pacific Coast Otolaryngologic-Ophthalmologic Society, "Airway Obstruction During Pregnancy Secondary to Rhinoscleroma," Waikaloa, Hawaii. (May 1, 1992).
- Machida, B. K. (Presenter), Armstrong, W. B. (Presenter), American Academy Facial Plastic and Reconstructive Surgery Meeting, "Median Transverse Osteotomy: A Useful Adjunct to Medial and Lateral Osteotomies for the Twisted Nose," Palm Springs, California. (April 11, 1992).

## Contracts, Grants and Sponsored Research

### Grant

Armstrong, William B. (Co-Principal Investigator), Meyskens, Frank (Principal Investigator), "Bowman-Birk Inhibitor and Oral Leukoplakia, Phase IIa and IIb Trials," National Cancer Institute, \$323,674.00. (2004 - 2011).

### Professional Service

American Head and Neck Society Endocrine Committee, Member, Appointed, International. (June 2013 - Present).

American Head and Neck Society Publications Committee, Member, Appointed, International. (June 2013 - Present).

ACS National Ultrasound Faculty (NUF). (2010 - Present).

Annals of Surgical Oncology, Ad Hoc Reviewer, Appointed, National. (2009 - Present).

Oral Cancer Foundation Science, Advisor. (August 2008 - Present).

Lasers, Surgery and Medicine, Reviewer. (2004 - Present).

Cancer CA-A Cancer Journal for Clinicians, Reviewer. (2003 - Present).

Laryngoscope, Reviewer. (2003 - Present).

Archives of Otolaryngology Head and Neck Surgery, Reviewer. (2002 - Present).

Head and Neck, Ad Hoc Reviewer. (2002 - Present).

American Family Physician, Ad Hoc Reviewer. (2001 - Present).

California Medical Association (CMA, Member. (1998 - Present).

Orange County Medical Association, CMA Alternate Delegate for the OCMA, Orange, CA, USA, Appointed. (July 2012 - June 2015).

Triological Society, Western Section Alternate Delegate. (April 20, 2012).

American Head and Neck Society Data Base Committee, 2 year term, Member. (2008 - 2010).

American Head and Neck Society Relative Value and CPT Advisory Committee, Appointed. (October 2006 - September 2009).

Pacific Coast Oto-Ophthalmologic Society, President, Elected. (2007 - 2008).

American Head and Neck Society History Committee, Member, Appointed. (October 2006 - 2008).

American Head and Neck Society Prevention and Early Detection Committee, Member. (2005 - 2008).

Alternate Western Section to the National Nominating Committee, Member. (2006 - 2007).

National Nominating Committee of the American Laryngological, Rhinological and Otolological Society, Alternate Western Section delegate. (2006 - 2007).

Pacific Coast Oto-Ophthalmologic Society, Treasurer, Elected. (2004 - 2007).

American Academy of Otolaryngology-Head and Neck Surgery Advisory Council Member for "Academy-U", Member, Appointed, National. (December 2005 - January 2007).

American Academy of Otolaryngology-Head and Neck Surgery Self-Instructional Packages (SIPac) faculty committee, Member, Appointed, National. (January 2000 - September 2006).

Western Section of the Triological Society Program Committee, Appointed. (2005).

American Head and Neck Society Relative Values Scale Update Committee (RUC), Member. (2002 - 2005).

Pacific Coast Oto-Ophthalmological Society Otolaryngology Program Director. (2002 - 2004).

American Board of Otolaryngology, Oral Examiner, Appointed. (2002 - 2003).

Laryngoscope, Ad Hoc Reviewer. (2001 - 2003).

California State University, Long Beach-Dept. of Communicative Disorders Advisory Board, Board of Directors. (October 2000 - 2003).

Veteran's Affairs Medical Center, Infection Control Committee, Chair, Long Beach, CA, USA, Appointed. (1995 - 2003).

Pacific Coast Oto-Ophthalmologic Society, Assistant Program Director, Appointed. (2001 - 2002).

Society of University Otolaryngologists Resident Education Committee, Member. (1999 - 2002).

LCME Sponsored Self Study Committee on Educational Program Leading to the MD Degree, Clinical Years subcommittee group leader. (2001).

CMA Scientific Advisory Panel on Otolaryngology-Head and Neck Surgery, Advisor. (1997 - 2001).

Southwest Oncology Group Head and Neck Surgical Subcommittee, Member, Appointed. (1997 - 2000).

Veteran's Affairs Medical Center Human Subjects Committee, Member, Long Beach, California, USA. (1996 - 1997).

Veteran's Affairs Medical Center Cancer Committee, Member, Long Beach, CA, USA. (1995 - 1997).

## **Consulting**

For Profit Organization, Bayer Pharmaceuticals, Jackson Hole, WY. (August 17, 2001 - August 19, 2001).

## Professional Development

Workshop, "Prescription for Healthcare (R) Lean Workshop, Lean Sigma Training," University of California, Irvine, Orange, CA. (September 5, 2012 - September 6, 2012).

Seminar, "Advanced Training in da Vinci (R) TORS course," Intuitive Surgical, Inc., San Diego, CA. (April 20, 2012).

Workshop, "da Vinci (R) Surgical System Off-Site Training Program for a Console Surgeon," Intuitive Surgical, Inc., Sunnyvale, CA. (September 8, 2011 - September 9, 2011).

Continuing Education Program, "Program for Chiefs of Clinical Services," Harvard School of Public Health, Boston, MA. (January 11, 2011 - January 21, 2011).

Continuing Education Program, "Ultrasound Instructors Course (SC11)," American College of Surgeons, Washington, DC. (October 4, 2010).

Continuing Education Program, "University of California Irvine Physicians Leadership Program," Nine month seminar series conducted at the Paul Merage School of Business, Orange, CA. (March 29, 2008 - November 22, 2008).

Seminar, "What's new in thyroid surgery: technological advances in minimally invasive surgery," Ethicon Endo Surgery Institute, Cincinnati, OH. (June 4, 2007).

Seminar, "Management of laryngeal and tracheal disease using lasers," Lumenis Corporation. (January 24, 2007).

Workshop, "Basic Mediation Training Certification Program," University of California, Irvine, Irvine, CA. (September 11, 2006 - September 15, 2006).

Advanced Pneumatic Instrumentation for Surgical Procedures Training, Midas Rex Corporation. (May 1992).

Temporal Bone Dissection Course, "House Ear Institute Temporal Bone Surgical Dissection Course," House Ear Institute, Los Angeles, CA. (March 1, 1992 - March 6, 1992).

## TEACHING

### Special Pedagogical Activities

Continuing Education, American College of Surgeon, (February 14, 2015 - February 15, 2015). Clinical Ultrasound Course: Oto Updates, Palm Desert, CA. 7 hour ultrasound didactic and hands on instructional course. Course director.

Continuing Education, 5th World Congress-IFHNOS & Annual Meeting-AHNS, (July 26, 2014). Quality Improvement and Safety Monitoring in Head and Neck Practice.

Continuing Education, University of California, Irvine, (February 15, 2014 - February 16, 2014). Clinical Ultrasound Course: Oto Updates, La Quinta, CA. 7 hour ultrasound didactic and hands on instructional course. Course director.

Guest Lecture, BioSci 25 UC Irvine, (1998 - 2013). One hour lecture in Biology of Cancer Course for undergraduate students at UC Irvine

Continuing Education, University of California, Irvine, (February 16, 2013 - February 17, 2013).  
Clinical Ultrasound Course: Oto Updates, Palm Desert, CA. 7 hour ultrasound didactic and hands on instructional course. Course director.

Continuing Education, American College of Surgeon 97th Clinical Congress, (October 25, 2012).  
American College of Surgeons, Multidisciplinary Approach to Head and Neck Trauma.  
Panel Co-moderator

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2012 - June 2012).

Continuing Education, University of California, Irvine, (February 18, 2012 - February 19, 2012).  
Clinical Ultrasound Course: Oto Updates, Palm Springs, La Quinta, CA. 7 hour ultrasound didactic and hands on instructional course. Course co-director.

Continuing Education, American College of Surgeons, (September 10, 2011).  
Skills Station Instructor for Thyroid and Parathyroid Ultrasound Skills-Oriented Course

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2011 - June 2011).

Continuing Education, UC Irvine, Department of Otolaryngology, (February 19, 2011).  
Voice and Swallowing Course - Co-director.

Continuing Education, American College of Surgeons Clinical Congress, (October 5, 2010).  
Skills Station Instructor for Thyroid and Parathyroid Ultrasound Skills-Oriented Course

Continuing Education, American Academy of Otolaryngology-HNS, (September 25, 2010).  
American College of Surgeons Thyroid and Parathyroid Ultrasound Skills-Oriented Course.  
Skills station instructor at Annual Meeting in Boston, Massachusetts

Continuing Education, University of California, Irvine, (February 13, 2010).  
Clinical Ultrasound Course: Oto Updates, Indian Wells, CA. 4 hour ultrasound didactic and hands on instructional course. Course director

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2009 - June 2009).

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2007 - June 2007).

Continuing Education, UC Irvine, (June 17, 2006 - June 18, 2006).  
Course Co-director. Two day lecture and anatomic dissection course for surgeons.

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2005 - June 2005).

Continuing Education, UC Irvine, (June 2002 - June 2005).  
Introductions to clinical medicine for engineers.

Workshop, University of California, Irvine, (July 8, 2004).  
Tracheo-esophageal Puncture Problem Solving Clinic

Grand Round: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2003 - June 2003).



Continuing Education, Bio 218, UC Irvine, (2002).

Lecture Clinical Cancer for Basic Scientists. One-hour presentation for seminar course.

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 2001 - June 2001).

Continuing Education, Bio 218, UC Irvine, (2000).

Lecture Clinical Cancer for Basic Scientists. One-hour presentation for seminar course.

Continuing Education, AO/ASIF Maxillofacial Course, (January 15, 2000 - January 16, 2000).

Faculty instructor for didactic and laboratory course on maxillofacial plating techniques.

Grand Rounds: Course Director, UC Irvine, Department of Otolaryngology-HNS, (January 1999 - June 1999).

Continuing Education, Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, (April 17, 1999).

Course Co-director

Continuing Education, Bio 218 UC Irvine, (1996 - 1998).

Lecture: Clinical Cancer for Basic Scientists. One-hour presentation for seminar course.

Continuing Education, American Academy of Otolaryngology Annual Meeting, (1994 - 1997).

Instructional Course Co-instructor

Continuing Education, Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, (November 8, 1997).

Course co-director

Continuing Education, UC Irvine, Department of Otolaryngology, (October 19, 1996).

Course for Otolaryngology, Plastic Surgery, and Oral Surgery Residents in Southern California. Course co-director

Continuing Education, Vanderbilt University Medical Center, Nashville, TN, (May 20, 1994 - May 21, 1994).

Co-instructor

Continuing Education, Vanderbilt University Medical Center, Nashville, TN, (October 22, 1993 - October 23, 1993).

Co-instructor

## **SERVICE**

### **Department Service**

Medical Director of Otolaryngology Practice Sites. (July 2009 - June 2012).

### **School/College Service**

Member, Compensation Plan Advisory Committee Dept. Chair Elected Member. (August 1, 2012 - July 31, 2015).

Medical School Applicant Interviewer, Interviewer, UC Irvine School of Medicine Medical School. (2014).

Medical School Applicant Interviewer, Interviewer, UC Irvine School of Medicine Medical School. (2009 - 2011).

Member, UCI SOM Strategic Planning Steering Committee. (2009 - 2010).

Member, Promotions and Honors Committee UC Irvine School of Medicine. (November 2006 - September 2009).

Medical School Applicant Interviewer, Interviewer, UC Irvine College of Medicine Medical School. (2007).

Medical School Applicant Interviewer, Interviewer, UC Irvine College of Medicine Medical School. (2003 - 2005).

## **University Service**

UC Irvine Medical Center Contracting Strategies Committee. (March 2011 - Present).

UC Irvine Medical Center Capital Planning Committee. (January 2011 - Present).

Strategy Champion, UC Irvine School of Medicine Strategic Plan Section Leader. (September 2010 - Present).

Member, Council of Clinical Chairs, University of California Irvine. (June 2007 - Present).

Member, UC Irvine Medical Center Medical Executive Committee. (June 2007 - Present).

Member, University Physicians and Surgeons Board of Directors. (June 2007 - Present).

Member, Cancer Committee, University of California, Irvine Medical Center. (1997 - Present).

Member, UC Irvine University Physicians and Surgeons Executive Committee. (July 2009 - June 2013).

Chair, Search Committee for the Chair of the Dept. of Pathology and Laboratory Medicine. (2010 - 2012).

UC Irvine Medical Center Committee on Health Reform Implementation. (July 2010 - July 2012).

Chair, Search Committee for Deputy Director Chao Family Comprehensive Cancer. (2011).

UC Irvine Medical Staff Ultrasound Task Force. (April 2011 - September 2011).

Chair, Call Center Steering Committee, UCI Medical Center. (November 2007 - 2010).

Member, UC Irvine Medical Center Operating Room Executive Committee. (June 2007 - 2010).

Member, University of California, Irvine Space Resource Allocation Advisory Committee (Appointed). (2007 - 2010).

Member, Medical Staff Ad Hoc Investigative Committee. (December 2009).

UC Irvine Promotions and Honors Committee. (November 2006 - September 2009).

Member, Operating Room Committee, UC Irvine Medical Center. (July 2007 - July 2009).

Member, Clinical Operations Program Committee for new hospital. University of California, Irvine Medical Center. (October 2000 - 2008).

Coordinator, UCIMC UCIMC Oral Cancer Screening. (April 2008).

Member, University of California, Irvine Human Subjects Institutional Review Board. (January 2000 - 2007).

Member, Medicare Compliance Committee, University of California, Irvine Medical Center. (1997 - 2007).

Vice-Chair, UC Irvine Human Subjects Institutional Review Board-B. (2003 - June 2007).

Coordinator, UCIMC Oral Cancer Screening. (April 2007).

Member, UCI Chair Search Committee for Department of Anesthesia. (October 2006).

Coordinator, UCIMC Oral Cancer Screening. (April 2006).

UC Irvine Faculty Practice Organization Professional Standards Committee. (2004).

Chair, UC Irvine Medical Staff Ad Hoc Investigative Committee. (2003).

Member, UC Irvine Medical Center Medical Executive Committee. (June 2000 - June 2002).

Chair, UC Irvine Medical Staff, Ad Hoc Committee Investigation. (2000).

Member, Chao Family Comprehensive Cancer Center-Strategic Planning Committee. (1997).

## **Public Service**

Boy Scouts of America, Assistant Scoutmaster, Anaheim, CA. (September 2014 - Present).

Board Member, Oral Cancer Foundation Science Advisory Board. (August 2008 - Present).

Boy Scouts of America, Troop Committee Member, Anaheim, CA. (February 2012 - September 2014).

Guest Speaker, American Cancer Society, Hunting Beach, California. (May 5, 2012).