**Masayoshi Takashima, M.D., F.A.C.S., F.A.A.O.A.**

Bobby R Alford Department of Otolaryngology – Head & Neck Surgery

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**I. GENERAL BIOGRAPHICAL INFORMATION**

1. Personal
   1. Masayoshi Takashima, M.D.
   2. Date of Birth 08/22/1970; United States Citizenship
2. Education
   1. Undergraduate Education:

* University of Texas Health Sciences Center, Houston, Texas

Department of Pediatric Hematology/Oncology

Researched the immune modulatory effects of Vitamin D3

September 1989 – June 1991

* UT MD Anderson Cancer Center, Houston, Texas

Department of Biochemistry

Characterized the genomic sequence of Wilm’s Tumor

May 1991 – August 1992

* Rice University, Houston, Texas

Bachelor of Arts in Biochemistry

1988-1992

* 1. Medical Education
* Baylor College of Medicine, Houston, Texas

Doctor of Medicine

1992-1996

* 1. Postgraduate Training
* Baylor College of Medicine, Houston, Texas

General Surgery Internship

Department of Surgery

Charles McCollum, M.D., Program Director

John C. Baldwin, M.D., Chairman

June 1996 - December 1997

* Baylor College of Medicine, Houston, Texas

Otolaryngology-Head and Neck Surgery Residency

Bobby R. Alford, M.D., Program Director and Chairman

1998-2002

1. Academic Appointments
   1. Faculty position at Baylor College of Medicine

* Associate Professor (Tenured)

Bobby R. Alford Department of Otolaryngology – Head and Neck Surgery

1/2014-present

* Associate Professor (secondary appointment)

Department of Neurosurgery

1/2014-present

* Residency Program Director

Bobby R. Alford Department of Otolaryngology-Head and Neck Surgery

Ben Taub General Hospital

The Methodist Hospital

Michael E. Debakey Veteran’s Affairs Medical Center

St. Luke’s Episcopal Hospital

Texas Children’s Hospital

UT M.D. Anderson Cancer Center

2008-2013

* Assistant Professor (Tenure track)

Bobby R. Alford Department of Otolaryngology-Head and Neck Surgery

2005-2013

* Associate Program Director

Bobby R. Alford Department of Otolaryngology-Head and Neck Surgery

Ben Taub General Hospital

The Methodist Hospital

Michael E. Debakey Veteran’s Affairs Medical Center

St. Luke’s Episcopal Hospital

Texas Children’s Hospital

UT M.D. Anderson Cancer Center

2005-2008

* Assistant Professor (secondary appointment)

Department of Neurosurgery

2011-2013

* 1. Previous faculty position(s) at other institutions
     + Rice University, Houston, TX

George R. Brown School of Engineering, Department of Bioengineering

Post-doctoral Research Associate/Instructor

January 2000 – May 2003

* + - The University of Colorado Health Sciences Center, Denver, CO

Assistant Professor, Department of Otolaryngology-Head and Neck Surgery

September 2002- May 2005

* + - Veteran’s Affairs Medical Center – Denver Colorado

Chief of Otolaryngology – Head and Neck Surgery

September 2002 – May 2005

* + - National Jewish Medical Center, Denver, CO

Assistant Professor, Department of Otolaryngology-Head and Neck Surgery

September 2002 – May 2005

1. Other advanced training/experience
   1. Other specialized training following academic appointment

* University of Adelaide, Adelaide, Australia

Post graduate training

Advanced Rhinology/Endoscopic Sinus Surgery – Skull Base Surgery

06/2008-09/2008

* Business/Management Training

Rice University – Jones School of Business

Certificate in Health Care Management

October 2010 – March 22, 2011

1. Other information
   1. Honors or Awards

* Doctor’s Choice Award – Top ENT physician voted by their peers. Health and Fitness Magazine, Issue 281. Dec 2008
* Doctor’s Choice Award – Top ENT physician voted by their peers. Health and Fitness Magazine, Issue 281. Dec 2010 - 2013
* Doctor’s Choice Award – Top Allergist voted by their peers. Health and Fitness Magazine, Issue 281. Dec 2012 - 2013
* The Best Doctors in America. Best Doctors. 2009-2014
* American Academy of Otolaryngology—Head and Neck Surgery Foundation Honor Award - This prestigious award is given to members in recognition of their contributions in a variety of activities and leadership roles to the Academy and its Foundation – September 2013
  1. Board Eligibility/Certification
* USMLE I, II, III certified
* Diplomat – American Board of Otolaryngology – Head & Neck Surgery 2003
  + Recertification 2012
* Diplomat – ABIM/ABOTO - Sleep Medicine Board Certification 2014
* Fellow, American Academy of Otolaryngic Allergy
* Fellow, American College of Surgeons
  1. Other non-academic positions: (with locations, titles, dates of employment)
* Director, Otolaryngic allergy practice

Bobby R. Alford Department of Otolaryngology-Head and Neck Surgery

Baylor College of Medicine, Houston, TX

2005-Present

* Director, OTO-HNS section, Baylor College of Medicine Sleep Center

Baylor College of Medicine, Houston, TX

2007-Present

* Faculty, The Methodist Hospital Comprehensive Sleep Disorders Program

The Methodist Hospital, Houston, TX

2007-Present

* Director, The Sinus Center at Baylor College of Medicine

Bobby R. Alford Department of Otolaryngology-Head and Neck Surgery

Baylor College of Medicine, Houston, TX

2009-Present

* Co-Director, Methodist Center for Minimally Invasive Skull Base and Brain Surgery

The Methodist Hospital, Houston, TX

2009-Present

* Faculty, The Pituitary Center at BCM

Department of Neurosurgery

Baylor College of Medicine

2009-Present

**II. RESEARCH INFORMATION**

1. Research Support
   1. Prospective trial of a short hospital stay protocol after endoscopic endonasal pituitary adenoma surgery
      1. BCM Advancing Clinical Excellence in Health Care Delivery System Trainee Grants
      2. Investigator relationship: Co-Investigator, Mentor
      3. Dates of funding: 6/1/2013-5/30/2014
      4. Annual direct cost: $2,500. Direct cost for overall period: $2,500
      5. Grant goal: Development of a short hospital stay protocol after transnasal endoscopic pituitary surgery utilizing a multidisciplinary approach.
2. National Scientific Participation: (include dates and titles)
   1. Review panel/Editorial board:
      1. American Academy of Otolaryngic Allergy Research Grant Reviewer –

2005-Present

* + 1. American Journal of Rhinology – 2009
    2. Otolaryngology-Head and Neck Surgery Journal
       1. Review panel - 2011 – present
       2. Editorial board – 2014 - present
    3. The Laryngoscope – 2012 - present
  1. Professional National Societies
     1. Advances in Diagnosis and Treatment of Sleep Apnea and Snoring San Francisco - 14th Annual, CA. February 15-17, 2008
     2. American Academy of Otolaryngic Allergy
        1. Public Relations Committee, 2004–2009
        2. Research Grant Committee, 2005–Present
        3. Mentor - Research in Otolaryngology & Allergy Development Scholarship Program, 2005 – present
        4. Fellowship Exam Committee, 2008-2011
        5. Position Statements and Clinical Practice, 2013-present
     3. American Academy of Otolaryngic Allergy
        1. Advanced Course – Otolaryngic Allergy. American Academy of Otolaryngic Allergy. Vail, CO. December 10-14, 2003
        2. Basic Course – Otolaryngic Allergy. American Academy of Otolaryngic Allergy. San Diego, CA. July 10-13, 2003
        3. Advanced Course – Otolaryngic Allergy. Lake Tahoe, NV. December 8 – 12, 2005
     4. American Academy of Otolaryngology – Head and Neck Surgery
        1. Annual Meeting. September 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2010, 2012, 2013, 2014
        2. Committee on Residents and Fellows, Officer – Executive Medical Informatics, 2000-2001
        3. Sleep Disorders Committee, 2004 – 2012
        4. Washington Advocacy Conference. Washington, D.C. March 5 – 6, 2006
        5. Moderator – Rhinology oral session, 2006
        6. Patient Safety and Quality Improvement Committee, 2009 – 2013
        7. Young Physician’s Committee, 2010–2012
        8. Rhinology and Allergy Education Committee, 2014 - present
     5. American Rhinologic Society
        1. Corporate Affiliates Committee, 2007-2011
        2. Orlando, Fl. April 12-13, 2013
     6. Association Academic Departments of Otolaryngology – HNS
        1. Technical advisor, website liaison <http://www.SUO-AADO.org/AADO>, 2003-2011
     7. Colorado Sinus Course. University of Colorado Health Sciences Center. Denver, CO. March 28-29, 2003
     8. Combined Otolaryngological Spring Meeting (COSM)
        1. Orlando, Fl. May 1–4, 2008
        2. San Diego. April 20-21, 2012
        3. Orlando, Fl. April 10-13, 2013
        4. Las Vegas, NV. May 14-17, 2014
     9. Harris County Medical Society (2005-2012)
     10. Houston Society of Otolaryngology (2005-present)
     11. Interactive Facial Fracture Reconstruction and Stabilization. Baylor College of Medicine / University of Texas Health Science Center. June 1999
     12. Interactive Thyroplasty Symposium. University of Texas Medical School / The Texas Voice Center. Houston, TX. Stasney CR, Stewart MG. April 27, 2001
     13. Otolaryngology Program Director’s Organization
         1. Officer, Member at large, 2009–2013
     14. Society of University Otolaryngologists – Head & Neck Surgeons
         1. Public relations committee, 2003-2007
         2. Washington, D.C. November 2-4, 2007
         3. Chicago, IL. October 23-26, 2008
         4. Chair, Internet Development Committee, 2008-2009
         5. Washington, D.C. 2010
         6. Chicago, IL. November 2-4, 2012
         7. Educational Innovation Committee, 2013 - present
     15. Surgery, Sleep and Breathing Symposium. Milwaukee, WI. Oct. 11-12, 2004
  2. Invited research lectures, presentations, seminars: National, International
     1. American Academy of Otolaryngic Allergy
        1. Strategic Academic Planning Workshop – Otolaryngic Allergy. Dallas, TX. February 28 – March 2, 2003
        2. Strategic Academic Planning Workshop – Otolaryngic Allergy. Dallas, TX. March 27 – 29, 2004
        3. Strategic Academic Planning Workshop – Otolaryngic Allergy. Dallas, TX. March 14 - 15, 2005
        4. Strategic Academic Planning Workshop – Otolaryngic Allergy. American Academy of Otolaryngic Allergy. Hamilton, Bermuda. April 27-30, 2006
        5. Strategic Academic Planning Workshop – Otolaryngic Allergy. Victoria, Canada. March 15-18, 2007
        6. Strategic Academic Planning Workshop – Otolaryngic Allergy. Hamilton, Bermuda. April 10 – 13, 2008
        7. Strategic Academic Planning Workshop – Position Statements subgroup. Washington DC. Jan 10-12, 2014.
     2. John M. Eisenberg Center for Clinical Decisions and Communications Science
        1. Medical Content Expert for the *Allergen-Specific Immunotherapy for the Treatment of Allergic Rhinoconjunctivitis and / or Asthma, 2013.*
     3. Austin Otolaryngology Society
        1. Invited speaker, *Obstructive Sleep Apnea – an update.* Austin, TX, July 18, 2013.
     4. Beaumont Otolaryngology Society
        1. Invited speaker, Management of Obstructive Sleep Apnea. Beaumont, TX, September 19, 2013.
     5. Mayo Clinic
        1. Invited speaker, Treatment Algorithm for Obstructive Sleep Apnea. Scottsdale, AZ, December 16, 2013.
     6. The Sleep Education Consortium’s 10th Annual Sleep Education Conference
        1. Invited speaker, Otolaryngology – Head and Neck Surgery Perspective on Obstructive Sleep Apnea. Marriott Medical Center, Houston, TX, January 24-25, 2014.
     7. Rice University
        1. Invited speaker, *A boon or burden? The role of technology for the modern doctor*. 2nd annual Medical Speaker Conference. Rice University, Houston, TX, February 8, 2014.

1. Publications
   1. Full papers
      1. Published in peer review journals
2. Victores A, Coggins K, Takashima M. Electronic Health Records and Resident Workflow: A Time-Motion Study of Otolaryngology Residents. Laryngoscope 2014. Accepted. In press.
3. Yao W, Huhyn N, Butler E, Takashima M. 3D Sinus Imaging as an Adjunct to 2D Imaging to Accelerate Education in the Spatial Orientation of the Paranasal Sinuses and Anterior Skull Base.Laryngoscope. 2014 March;124(3)596-601. doi: 10.1002/lary.24316.
4. Hamblin JS, Sandulache VC, Alapat P, Takashima M. Management of obstructive sleep apnea in the indigent population: a deviation of standard of care? *Otolaryngol Head Neck Surg*. 2013 Dec 6. PMID: 24316791.
5. Usefulness of sleep endoscopy in predicting positional obstructive sleep apnea. Victores A, Hamblin J, Gilbert J, Switzer C, Takashima M. *Otolaryngol Head Neck Surg*. Otolaryngol Head Neck Surg. 2013 Dec 27. PMID: 24376123
6. Prospective trial of a short hospital stay protocol after endoscopic endonasal pituitary adenoma surgery. Thomas JG, Gadgil N, Sampson S, Takashima M, Yoshor D. World Neurosurgery, World Neurosurg. 2013 Nov 13. doi:pii: S1878-8750(13)01434-4. 10.1016/j.wneu.2013.11.014. [Epub ahead of print] PMID: 24239739.
7. Messner A, Teng M, Shimahara E, Abaza M, Franzese C, Goebel J, Gray S, Joe S, Ruckenstein M, Takashima M, Wax M, Zacharek M. A case for the standardized letter of recommendation in otolaryngology residency selection. Laryngoscope. 2013 Oct 3. doi: 10.1002/lary.24431. [Epub ahead of print]
8. Zhang J, Kim JD, Beaver HA, Takashima M, Lee AG. Rhino-orbital mucormycosis treated successfully with posaconazole and without exenteration. J Neuro-Ophthalmology. Sept 2013 37(5): 198-203.
9. Gadgil N, Thomas JG, Takashima M, Yoshor D. Endoscopic resection of tuberculum sellae meningiomas. J Neurol Surg B 2013; 74(04): 201-210.
10. Humphries A, Fordis M, Takashima M. Subcutaneous and Sublingual Immunotherapy To Treat Allergic Rhinitis/Rhinoconjunctivitis and Asthma. Agency for Healthcare Research and Quality. US Dept of Health and Human Services. AHRQ Pub. No. 13-EHC061-3 August 2013.
11. Smith A, Fordis M, Takashima M. Allergy Shots and Allergy Drops for Adults and Children: A Review of the Research. Agency for Healthcare Research and Quality. US Dept of Health and Human Services. AHRQ Pub. No. 13-EHC061-A August 2013
12. Chamoun R, Takashima M, Yoshor D. Endoscopic extracapsular dissection for resection of pituitary macroadenomas: a technical note. J Neurol Surg A Cent Eur Neurosurg. 2012 Oct 3. [Epub ahead of print]
13. Victores AJ, Takashima M. Effect of nasal surgery on the upper airway: a drug-induced sleep endoscopy study. Laryngoscope. 2012 Nov;122(11):2606-10.
14. Victores A, Foroozan R, Takashima M. Recurrent Onodi cell mucocele: rare cause of two different ophthalmic complications. *Otolaryngol Head Neck Surg*. 2012. Feb. 146 (2).
15. Victores A, Roberts J, Sturm-O’Brien A, Victores N, Uecker W, Alford B, Takashima M. Otolaryngology resident workflow: a time-motion and efficiency study. *Otolaryngol Head Neck Surg* 2011 May;144:708-13.
16. Cohen HS, Stewart MG, Brissett AE, Olson KL, Takashima M, Sangi-Haghpeykar H. Frequency of sinus disease in normal subjects and patients with benign paroxysmal positional vertigo. *ORL J Otorhinolaryngol Relat Spec* 2010;72:63-7.
17. Demian N, Alford J, Takashima M. Alternative Technique for Genioglossus Muscle Advancement in Phase I Surgery in the Treatment of Sleep Apnea. J Oral Maxillofacial Surgery. 2009 Oct; 67(10):2315-2318.
18. Hyde J, Takashima M, Dodson B, Said S. *Bilateral oncocytomas arising in the background of bilateral oncocytic nodular hyperplasia*. Ear Nose Throat J. 2008 Jan;87(1):51-4.
19. Takashima M. Salivary gland diseases: surgical and medical management. Head & Neck 29: 521–522, 2007.
20. Li Z, Anvari B, Takashima M, Brecht P, Torres JH, Brownell WE. *Membrane tether formation from outer hair cells with optical tweezers.* Biophys J. 2002 Mar;82(3):1386-95.
21. Manolidis S, Takashima M, Scarlett M, Kirby M. *Thyroid surgery: a comparison of outcomes between experts and surgeons in training.* Otolaryngol Head Neck Surg. 2001 Jul;125(1):30-3.
22. Anvari B, Li Z, Takashima M, Brecht P, Torres JH, Brownell WE. *Dynamic tether force measurements of the outer hair cell's plasma membrane with optical tweezers.* SPIE Proceedings, 4260 (2001): 103-108.
23. Henley CM, Wey K, Takashima M, Mills C, Granmayeh E, Krishnappa I, Robertson CS. *S-adenosylmethionine decarboxylase activity is decreased in the rat cortex after traumatic brain injury*. J Neurochem 1997;69(1):259-65.
24. Lemire JM, Ince A, Takashima M. *1,25-dihydroxyvitamin D3 attenuates the expression of experimental murine lupus of MRL/1 mice*. Autoimmunity 1992;12(2):143-48.
    * 1. Accepted or in press
         1. Victores A, Takashima M. *Electronic Health Records and Resident Workflow: A Time-Motion Study of Otolaryngology Residents. Accepted Laryngoscope June 2014.*
    1. Other full papers
       1. Published without review by peer group
          1. Wrobel B, Takashima, M. *Granulomatous diseases of the head and neck.* National Residency On-line Curriculum – American Academy of Otolaryngology – Head & Neck Surgery. July 2003.
          2. *Have chronic sinus infections? Try balloons.* Leading Medicine Magazine. Vol 4, Number 4, Nov 2008. pp. 37-39.
          3. *Challenges remain in repairing CSF leaks.* Special Report: In-depth analysis of cutting-edge topics. ENT Today. Nov 2010;5(11):14-24.

* + 1. In preparation
       1. The Role of Intraoperative Ropivacaine in Post-Tonsillectomy Pain Control: A Randomized Control Trial. Yao W, Corbitt C, Bender M, Takashima M.
       2. A comparison of sleep endoscopy and polysomnography in determining severity of obstructive sleep apnea**.**  Pena IR, Takashima M.
       3. Inverted papilloma originated from the opticocarotid recess**.** Srinivasan R, Portillo E; Takashima M.
       4. Three-Dimensional Imaging for Sinus Surgery Informed Consent. Victores AJ, Huynh N, Yao W, Butler EB, Takashima M.
       5. Reinitiating CPAP after Transnasal Endoscopic Pituitary Surgery: A Case Series. Yao W, Yoshor D, Takashima M.
       6. A comparison of resident time motion: Pre and post computerized medical records. Victores A, Takashima M.
       7. Epiglottic plication: An unusual cause of obstructive sleep apnea. Cuthbertson D, Takashima M
       8. Comparing different measuring techniques of the soft palate for uvulopalatopharyngoplasty surgery. Cuthbertson D, Takashima M.
       9. Olfactory function following inferior partial turbinectomy. Richter A, Chen D, Takashima M.
       10. Confirmation of Tolosa-Hunt Syndrome via endoscopic biopsy of inflammation surrounding the orbital apex. Richter AL, Takashima, M.
       11. Presentation of an indolent clival chordoma: epistaxis, pneumocephalus and a positive B-2 transferrin test of tracheostomy secretions. Cuthbertson D, Takashima M.
       12. Sinusitis symptoms in patients who use cpap. Cuthbertson D, Shaib F, Takashima M.
       13. Sleep disturbance following transnasal endoscopic excision of a pituitary adenoma. Victores A, Takashima M.
       14. Trends of transphenoidal surgery for pituitary tumors. Victores A, Zevallos J, Takashima M.
  1. Abstracts given during last three years
     1. Oral and Poster presentations
        1. *Otolaryngology resident workflow: a time-motion and efficiency study*. Victores A, Robert J, Alford B, Takashima M. **Oral presentation – selected as one of the best abstract submissions**. ACGME Annual Educational Conference. Nashville TN, March 4-7, 2010.
        2. Otolaryngology Resident Workflow: A Time-Motion and Efficiency Study. Victores A, Roberts J, Sturm-O’Brien A, Victores N, Uecker W, Alford B, Takashima M. Oral presentation. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Oral presentation**. Boston MA. September 2010.
        3. The Utility of Three-Dimensional Computed Tomography in Understanding Patient Pathology: An Anterior Clinoid Mucocele Case Report. Victores AJ, Foroozan R, Huynh N, Butler EB, Sovelius P, Takashima M. **Poster presentation**. AMA Medical Student Section and Resident and Fellow Section Research Symposium - 9th annual. New Orleans, LA. November 11, 2011.
        4. The Nutty Patient: A Case Report of an Intraoral Almond Masquerading as an Abscess**.** Guy WM, Takashima M. **Poster presentation**. 115th Annual Meeting at COSM, San Diego, CA. April 20-21, 2012.
        5. Use of Sleep Endoscopy to Assess Positional Obstructive Sleep Apnea: A Prospective Study  Victores AJ, Gilbert JM, Takashima M. **Poster presentation**. 115th Annual Meeting at COSM, San Diego, CA. April 20-21, 2012.
        6. A Comparison of Sleep Endoscopy and Polysomnography in Determining Severity of Sleep Disordered Breathing.  Pena I, Takashima M. **Oral presentation**. 115th Annual Meeting at COSM, San Diego, CA. April 20-21, 2012.
        7. The Effects of Nasal Surgery on the Upper Airway: A Sleep Endoscopy Study. Victores AJ, Takashima, M. **Oral presentation**. 115th Annual Meeting at COSM, San Diego, CA. April 20-21, 2012.
        8. Short stay protocol facilitates early discharge after endoscopic transsphenoidal resection of pituitary adenomas. Gadgil N, Samson SL, Takashima M, Yoshor D. **Oral presentation.** ENDO 2012: The 94th Endocrine Society Meeting. Houston TX. June 23-26, 2012.
        9. Inverted papilloma originating from the opticocarotid recess. Srinivasan R, Portillo E, Takashima M. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Poster presentation**. Washington DC. September 9 -12, 2012.
        10. Three-Dimensional Imaging for Sinus Surgery Informed Consent. Victores A, Takashima M. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Oral presentation**. Washington DC. September 9 -12, 2012.
        11. Recurrent Submandibular Gland Pleomorphic Adenoma Transforming into a Metastatic Myoepithelial Carcinoma to the Clivus: A Case Report and Discussion. Suchanova P, Takashima M. **Poster presentation**. 116th Annual Meeting at COSM, Orlando, FL. April 12-13, 2013.
        12. Management of Obstructive Sleep Apnea in the Indigent Population: A Case Report and Discussion. Hamblin JS, Sandulache VC, Gelbard AH, Takashima M. **Poster presentation**. 116th Annual Meeting at COSM, Orlando, FL. April 12-13, 2013.
        13. *3D Sinus Imaging as an Adjunct to 2D Imaging to Accelerate Education in the Spatial Orientation of the Paranasal Sinuses and Anterior Skull Base.* Yao W, Huhyn N, Butler E, Takashima M. **Oral presentation**. 116th Annual Meeting at COSM, Orlando, FL. April 12-13, 2013.
        14. Reinitiating CPAP after Transnasal Endoscopic Pituitary Surgery. Yao W, Takashima M. **Poster presentation**. American Rhinologic Society Spring Meeting at COSM, April 12-13, 2013.
        15. Confirmation of Tolosa-Hunt Syndrome via an endoscopic endonasal biopsy of the orbital apex. Richter A, Takashima M. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Poster presentation**. Vancouver, Canada. Sept 29 – Oct 2, 2013.
        16. Usefulness of Sleep Endoscopy in Predicting Positional Obstructive Sleep Apnea. Victores A, Takashima M. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Oral presentation**. Vancouver, Canada. Sept 29 – Oct 2, 2013.
        17. The Role of Intraoperative Ropivacaine in Post-Tonsillectomy Pain Control: A Randomized Control Trial. Yao W, Corbitt C, Bender M, Takashima M. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation. **Oral presentation**. Vancouver, Canada. Sept 29 – Oct 2, 2013.
        18. Enhancing the Safety of Sinus Surgery: The Role of Staining Materials. Yao W, Regone RM, Takashima M. American Rhinologic Society meeting at COSM. **Poster presentation**. Las Vegas, NV. May 15, 2014.
        19. Electronic Health Records and Otolaryngology Resident Workflow: A Time-Motion and Efficiency Study. Victores A, Coggins K, Takashima M. Triologic Society meeting at COSM. **Oral presentation**. Las Vegas, NV. May 15, 2014.
        20. Nonfunctional Invasive Pituitary Adenoma without Suprasellar Extension: A Case Report and Review of the Literature. Regone RM, Takashima M. American Rhinologic Society Annual Meeting. **Poster presentation.** Orlando, FL. September 21-24, 2014.
  2. Books
     1. Chapters
        1. Takashima M, Jafek BW. Salivary gland disorders. ENT Secrets, 3rd edition, Elsevier 2005, pp159-164.
        2. Takashima M, Rhew K. *Allergy and immunology*. ENT Secrets, 3rd edition, Elsevier 2005, pp383-390.
        3. Takashima M. Zevallos J. *Chapter 53: Tracheostomy*. Handbook of Respiratory Medicine. Oxford University Press 2008.
        4. Groves M, Takashima, M. *Non Allergic Perennial Rhinitis*. Conn’s Current Therapy 2010, 62nd edition.
        5. Groves M, Takashima, M. *Non Allergic Perennial Rhinitis*. Conn’s Current Therapy 2011, 63nd edition.
        6. Davis M, Takashima M. *Sleep Apnea*. Conn’s Current Therapy 2011, 63rd edition.
        7. Groves M, Takashima, M. *Non Allergic Perennial Rhinitis*. Conn’s Current Therapy 2012, 64nd edition.
        8. Davis M, Takashima M. *Obstructive* *Sleep Apnea*. Conn’s Current Therapy 2012, 64rd edition.
        9. Takashima M, Pasha R. *Sleep Apnea.* Otolaryngology: Head & Neck Surgery – A Clinical & Reference Guide, 2012, 3rd edition.
        10. Davis M, Takashima M. *Obstructive* *Sleep Apnea*. Conn’s Current Therapy 2013, 65rd edition.
        11. Takashima M, Pasha R. *Sleep Apnea.* Otolaryngology: Head & Neck Surgery – A Clinical & Reference Guide, 2013, 4rd edition.
        12. Takashima M, Gateno J. Davis-Malessevich M, Busch R. Chapter: Surgical management of sleep disordered breathing. Sleep Medicine in Neurology. Blackwell Publishing. 2014.
        13. Davis M, Takashima M. *Obstructive* *Sleep Apnea*. Conn’s Current Therapy 2014, 66th edition.
        14. Takashima M, Gitomer S. Snoring and Obstructive Sleep Apnea. ENT Secrets, 4th edition, Elsevier 2014, pending.
        15. Victores A, Takashima M. Surgery for pituitary tumors. International Ophthalmology Clinics. Fall 2015, pending.
        16. Victores A, Takashima M. Endoscopic orbital decompression. International Ophthalmology Clinics. Fall 2015, pending.
        17. Davis M, Takashima M. *Obstructive* *Sleep Apnea*. Conn’s Current Therapy 2015, 67th edition.
     2. Editor
        1. Weitzel E, McMains KC, Johnson R, Takashima M. Surgical Skills for the ENT Resident. Progressive Publishing 2014.
  3. Other works communicating research results to scientific colleagues:
     1. BCM Academy of Distinguished Educators “Education Day” 2013. BCM May 14, 2013.
        1. Invited Speaker: Identification of inefficiencies in a resident work schedule in the era of the 80 hour work week.
  4. Other works communicating research results to general public
     1. Wise Women’s Seminar:*Sleep 101: The diagnosis and management of snoring & sleep apnea.* Oct 21, 2003.
     2. *Second Hand Snoring Affects Sleep Partner’s Well Being*. Wall Street Journal. Nov 20, 2003.
     3. *Nasal Congestion and Snoring* – Health Special Report. Channel 2 News, Denver, CO. April 14, 2004.
     4. Health Talk 05: *Sleep disorders: Diagnosis and treatment for snoring and sleep apnea*. Denver, CO, April 13, 2005.
     5. *A nose for emotion: olfactory mysteries*. Houston Chronicle, Section Star, Page 1. Jan 3, 2007.
     6. *Health & Medicine: Ballooning help for those suffering from sinusitis.* Houston Chronicle, Section B, Page 2. April 5, 2007.
     7. *The 15-minute cure for snoring!* Health Section page 15. Woman’s World. May 19, 2008.
     8. *Minimally Invasive Skull Base Surgery*. 950 AM News Radio, May 28, 2008.
     9. *FDA warns against use of popular nasal drug*. New York Times. June 17, 2009.
     10. *Sleep Disordered Breathing - Special Report*. Channel 39 News, Houston, Aug 21, 2009.
     11. *A chorus of treatments for snorers*. Health Section page 4. Houston Chronicle, Nov 19, 2009.
     12. *Allergies in Houston*. ABC Channel 13 news interview with Christi Myers. March 7, 2012.
     13. *Basic treatments for allergic rhinitis*. 950 AM News Radio. March 12, 2012.
     14. *A day in the life of your nose*. Reader’s Digest. Summer 2013.

**III. TEACHING INFORMATION**

1. Didactic course work: (include number of hours and frequency)
   1. Courses taught at BCM within the Primary department
      1. CME Courses
         1. Computers & Otolaryngology: Practical Integration of Advanced Technologies. Baylor College of Medicine, March 1998
         2. Update on medical and surgical management of thyroid disease. Baylor College of Medicine, July 15, 2000
         3. Director: Bobby R Alford Department of Otolaryngology – Head and Neck Surgery Grand Rounds. Every Thursday, 7 – 8 AM
      2. Non CME
         1. Endoscopic Sinus Surgery Workshop: Weitzel E, McMains KC, Takashima M.
            1. February 7, 2009 – 10 hours
            2. June 16, 2012 – 10 hours
         2. Coordinator, Da Vinci Surgical Robotic resident training course
            1. March 18, 2013 – 3 hours
            2. March 25, 2013 – 3 hours
            3. April 8, 2013 – 3 hours
         3. Coordinator of BCM departmental General/Allergy Otolaryngology monthly conference (2005-present): 2 hour
         4. Otolaryngology class on rhinology/allergy for Baylor third year medical students (2005-present): 1 hour per lecture, 4 times per year
         5. BCM Otolaryngology Faculty Meeting: Overview of the ACGME NAS. March 6, 2013. 1 hour.
         6. Course Director: BCM Otolaryngology Faculty Retreat: Implementation of the ACGME NAS. January 23, 2014.
   2. Courses taught at BCM external to Primary department
      1. CME Courses
         1. ComprehensiveManagement of the Pediatric Ear – Otolaryngic Allergy, Vertigo, and the Inner Ear. Omni Houston Hotel,May 18, 2007
         2. 11th Annual Optimal Management of the Adult Medicine Patient - Common ENT Disorders,Medical Center Marriott, Houston, TX. September 27, 2007.
         3. Rodeo Rhinoplasty
            1. Medical Conditions of the Nose and Surgical Management of the Turbinates. Omni Hotel. March 12, 2009
            2. Medical Conditions of the Nose and Surgical Management of the Turbinates. Omni Hotel. March 11, 2010
         4. Sleep Disorders Symposium – Obstructive Sleep Apnea in Adults and Children. The Methodist Hospital Neurological Institute. October 22, 2010
         5. UpdateonMedicalandSurgicalManagementofPituitaryDisordersSt. Lukes Episcopal Hospital/Baylor College of Medicine. November 12, 13, 2011
         6. The Methodist Hospital Neuroradiology/Sinus Conferences
            1. Co-Director
            2. 2012, 2013, 2014 – quarterly meetings to discuss interesting cases
   3. Courses taught at other institutions while at BCM
      1. The 3rd Annual Charleston Sleep Surgery Symposium. Invited faculty. Medical University of South Carolina, Charleston, SC, February 21-22, 2014.
      2. Lone Star Rhinology Course, UT Southwestern Medical Center, Dallas, TX, April 26-28, 2013
         1. Invited speaker. Medical management of FESS failures, panelist, April 27, 2013
         2. Invited speaker. The nose and sleep apnea. April 27, 2013
      3. ORL SimulationFest 2013. Faculty. Resident surgical simulation workshop. Pennsylvania, PA. May 10-11, 2013
      4. Wilford Hall Medical Center (Uniformed Services University of the Health Sciences) – Invited guest faculty - Sinus and Skull Base Workshop, San Antonio, TX, September 12- 13, 2013
         1. Invited speaker. Panel: Treatment of chronic rhinosinusitis. Sept 12, 2013
         2. Invited speaker. Doorway to the pituitary gland: An Otolaryngology – Head and Neck Surgery Perspective. Sept 13, 2013
      5. The Open Forum. Invited faculty. Colorado Springs, CO. October 24-27, 2013.
      6. Sleep Surgery Course. Invited faculty. Fort Worth, Texas, November 5-7, 2013.
      7. Annual Skull Base Course for Residents and Fellows: Endoscopic and Microsurgical Approaches to the Clivus. Invited guest faculty, Houston, TX, November 23-24, 2013.
      8. Methodist International Global Health Initiative. Advances in Otolaryngology – Head & Neck Surgery. Invited faculty, Houston Methodist Hospital, March 19, 2014.
2. Curriculum development work
   1. Program Director, Bobby R Alford Department of Otolaryngology – Head and Neck Surgery Residency Program, Baylor College of Medicine, 2008 - present
      1. Resident curriculum development and refinement for 27 residents (One of the largest OTO-HNS residency programs in the United States)
      2. T32 resident curriculum development and refinement
      3. Responsibilities:
         1. Curriculum development
         2. Rotation assignments
         3. Rotation evaluations
         4. Resident evaluations
         5. Fellowship and career planning
         6. Chairs the Curriculum Committee
         7. Represents the Department on BCM GME Committee
   2. Associate Program Director, Bobby R Alford Department of Otolaryngology – Head and Neck Surgery, Baylor College of Medicine, 2005 – 2008
   3. Director, BCM Sleep Medicine Fellowship, otolaryngology section

<http://www.bcm.edu/medicine/pulmonary/index.cfm?pmid=7362>

Responsibilities: OTO-HNS curriculum development and teaching, applicant interview and selection

* 1. Resident endoscopic sinus/skull base workshop – Created, procured funding, invited guest lecturers and taught a sinus course for residents with full endoscopic equipment, visual towers, and cadaveric dissections. Bobby R Alford Department of Otolaryngology – Head and Neck Surgery, Baylor College of Medicine. 2009 & 2012.
  2. Robotic surgical training – Initiation of robotic surgical training to our residents

Bobby R Alford Department of Otolaryngology – Head and Neck Surgery Residency Program, Baylor College of Medicine, 2013

* 1. Program Course Director, Bobby R. Alford Department of Otolaryngology – Head and Neck Surgery Faculty Retreat, Houstonian Hotel and Resort, Houston, TX – 2007
  2. UT MD Anderson Department of Head and Neck Surgery Education Retreat. April 1, 2011
  3. Methodist Hospital Neurosurgery Residency Program
     1. Developed and maintained the resident rotation curriculum in Otolaryngology
  4. Baylor College of Medicine Family and Community Medicine Residency Program
     1. Developed and maintained the resident rotation curriculum in Otolaryngology
  5. Baylor College of Medicine Simulation Center
     1. Member of the Board of Directors – 2013 – present
     2. Curriculum committee member – 2013 – present

1. Non-didactic teaching while at BCM:
   1. Resident training: (include estimate of time)
      1. All BCM Otolaryngology – Head and Neck Surgery Residents since 2005 (75% time)
      2. BCM Family Medicine rotating residents (5%)
      3. Methodist Hospital Neurosurgery residents (5%)
      4. BCM neurosurgery residents (10%)
   2. Clinical Fellow training: (include names of fellows, dates, current location)
      1. BCM Sleep Medicine Fellowship Faculty – The Sleep Disorders Fellowship at Baylor College of Medicine is a one-year, multi-disciplinary fellowship accredited by the ACGME. The core specialties of Pulmonary Medicine, Neurology, Psychiatry, Pediatrics, and Otolaryngology – Head and Neck Surgery are represented by the various faculty members.
         1. Trained all BCM Sleep Medicine Fellows since inception of the program

|  |  |  |  |
| --- | --- | --- | --- |
| Trainees Name | Year | Subspecialty | Current Position |
| Raghu Reddy | 2007-2008 | Pulmonary & Critical Care | Academic, ARK |
| Jennifer Chen | 2007-2008 | Med-Peds | Private Practice, TX |
| Amie Stringfellow | 2008-2009 | Med-Peds | Private Practice, TX |
| *Gnananadh Jayaraaman* | 2008-2009 | Pulmonary & Critical Care | Private Practice, TX |
| Sumeet Kumar | 2008-2009 | Neurology | Private Practice, TX |
| John Turner | 2008-2009 | Family Practice | Private Practice, TX |
| Binal Kancherla | 2009-2010 | Ped Pulmonary | BCM/TCH. TX |
| Lubna Javed | 2009-2010 | Family Practice | Private Practice, NV |
| Hashir Majid | 2009-2010 | Pulmonary & Critical Care | Academic, Pakistan |
| Anandi Murugan | 2009-2010 | Pulmonary & Critical Care | Academic, TX |
| Sameya Ahmad | 2010-2011 | Child Neurology | Academic, TX |
| Sean Hesselbacher | 2010-2011 | Pulmonary & Critical Care | Private Practice, VA |
| Amarbir Mattewal | 2010-2011 | Pulmonary & Critical Care | Private Practice, TX |
| JB Rosen | 2010-2011 | Ped Pulmonary | Private Practice, TX |
| Garrett Bird | 2011-2012 | Pulmonary & Critical Care | Private Practice, NV |
| Adam Foreman | 2011-2012 | Neurology | Private Practice, LA |
| Jose Cantu | 2011-2012 | Pulmonary & Critical Care | Private Practice, TX |
| Vishal Sawhney | 2011-2012 | Pulmonary & Critical Care | Private Practice, OH |
| Hanul Bhandari | 2012-2013 | Neurology | Pending |
| Walter Castro | 2012-2013 | Ped Pulmonary | Pending |
| Jose Melendez | 2012-2013 | Pulmonary & Critical Care | Private Practice, TX |
| Suprya Singh | 2012-2013 | Pulmonary & Critical Care | BCM/VA, TX |

* + 1. BCM Allergy Immunology Fellowship Faculty – the section has three ACGME/RRC-approved clinical training programs: Allergy and Immunology, Rheumatology, and Clinical and Laboratory Immunology. Two fellows are accepted each year into a three-year training program for eligibility to both the Allergy and Immunology and the Rheumatology subspecialty certifying exams.
       1. Trained all Allergy/Immunology Fellows since 2005 – present
    2. International Rhinology Fellows trained
       1. Nghia Nguyen PT, MD, March – April 2010, Current position - ENT surgeon, University Medical Center hospital at Ho Chi Minh city
       2. Ha Le Nguyen, MD. March – April 2010. Current position - ENT physician, MEDIC medical center at Ho Chi Minh city, Vietnam
  1. Research Fellow training: n/a
  2. Graduate Student training
     1. Research advisory committee, Bobby R Alford Department of Otolaryngology – Head and Neck Surgery Residency Program, 2005-present
     2. BCM ACE grant recipient mentor: Dr. Jonathan Thomas, medical resident in neurosurgery "Prospective trial of a short hospital stay protocol after endoscopic endonasal pituitary adenoma surgery"
  3. Medical student mentoring: (as above) Last 3 years
     1. David Cuthbertson – Baylor Otolaryngology Resident
     2. Ramya Sirinivasn – Baylor Otolaryngology Resident
     3. Andrew Victores – Baylor Otolaryngology Resident
     4. Israel Riley Pena – Baylor Otolaryngology Resident
     5. Nathan Grohmann – awaiting residency
     6. John Hamblin – awaiting residency
     7. Prasanth Pattisapu – awaiting residency
     8. Meng Chen – awaiting residency
     9. Multiple more medical students since 2005

1. Lectures (include location, title of presentation, dates)
   1. International
      1. Invited lecturer: Korea-Japan Joint Meeting of Otorhinolaryngology - Head and Neck Surgery 13th Annual -Endoscopic Frontal Sinus Surgery: Avoiding common pitfalls, avoiding serious complications. Seoul, Korea. September 11, 2010
   2. National
      1. American Academy of Otolaryngology – Head and Neck Surgery. Internet basics in otolaryngology, New Orleans, LA, September 1999
      2. The Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update & Colorado Audiology - Otology Conference, Vail, CO. *Facial and Head Trauma: Snow Sports*. February 6, 2003
      3. The Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update & Colorado Audiology - Otology Conference, Vail, CO. *Current concepts in the treatment of snoring and OSA.* February 5, 2004
      4. Otolaryngology in Primary Care, Aurora CO. *The diagnosis and treatment of snoring and sleep apnea.* April 17, 2004
      5. Otolaryngology in Primary Care, Aurora CO. *Otolaryngic Allergy*. April 17, 2004.
      6. The Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update & Colorado Audiology - Otology Conference, Vail, CO. *Advances in the diagnosis and treatment of sleep disorders*. February 4, 2005
      7. Otolaryngology in Primary Care, Aurora CO. *Advances in sleep surgery*. April 9, 2005
      8. Otolaryngology in Primary Care, Aurora CO. *Allergy and airway diseases.* April 9, 2005
      9. Society of University Otolaryngology – Head and Neck Surgeons Annual Meeting. Beyond the Typical Case Conference: Other Educational Techniques for Residents and Fellows - Chicago, IL, October 25, 2008
      10. ACGME Annual Educational Conference, Do you know what your residents are doing? Grapevine TX, March 2009
      11. American Rhinologic Society - Rhinology World 2009, Allergy and the Rhinologist, Philadelphia, PA, April 15-19, 2009
      12. Society of University Otolaryngology – Head and Neck Surgeons Annual Meeting. The Problem Resident, Washington DC, November 2010
      13. American Academy of Otolaryngology – Head and Neck Surgery. Miniseminar - Controversies and change in otolaryngology residencies, Washington DC, September 2012
      14. Society of University Otolaryngology – Head and Neck Surgeons Annual Meeting. The PGY1 16-hour day: It’s 10pm. Do you know where your intern is?? Chicago IL, November 2012
      15. Society of University Otolaryngology – Otolaryngology Program Director’s Organization – Annual Meeting. Panelist: Learning in the electronic age. Washington DC, November 15-17, 2013.
      16. Society of University Otolaryngology –Annual Meeting. Panelist: Leadership in Publications and the Media. Washington, DC, November 15-17, 2013.
      17. Society of University Otolaryngology –Annual Meeting. Panelist: Leave of absence in residency. Washington, DC, November 15-17, 2013.
      18. The Sleep Education Consortium: 10th Annual Sleep Education Consortium Conference: Establishing a differential diagnosis and treatment plan for sleep disorders. Invited speaker. Marriott Medical Center, Houston TX. January 25, 2014.
      19. Society of Otorhinolaryngology – Head and Neck Nurses. 2014 Annual Congress and Nursing Symposium. Invited Speaker – Surgical Interventions for Obstructive Sleep Apnea. Orlando, FL, September 22, 2014.
   3. Regional
      1. Texas Association of Otolaryngology – Head and Neck Surgery Annual Meeting
         1. Current Concepts: Frontal Sinus Surgery – Austin, TX, May 1, 2010
         2. Obstructive Sleep Apnea: Current concepts and treatments – Fort Worth, TX, May 19, 2012
      2. Sleep Surgery Course. Obstructive Sleep Apnea: An Otolaryngologist’s Perspective. Invited faculty. Fort Worth, Texas, August 28-29.
   4. Local
      1. Bobby R. Alford Department of Otolaryngology – Head and Neck Surgery Grand Rounds.
         1. Endoscopic Management of Frontal Sinus Disease. June 1, 2006
         2. Endoscopic Management of Frontal Sinus Disease: The Adelaide, Australia Experience. October 8, 2009
      2. Allergy/Immunology Grand Rounds, Baylor College of Medicine
         1. Radiology: An Otolaryngology Perspective. August 21, 2006
         2. The Nose and Sinuses. August 19, 2007
         3. Sinusitis, April 13, 2008
         4. Common ENT Disorders – A Pictorial Perspective, April 13, 2009
         5. CT sinus, 2010
         6. Sinus endoscopy, 2011
         7. Sinus anatomy, 2012
         8. Common Sinus Disorders, February 20, 2013
         9. Sinus radiology, May 21, 2014
         10. Nasal Sinus Endoscopy – A Hands On Approach, June 4, 2014
      3. Baylor College of Medicine Family and Community Medicine Grand Rounds
         1. Obstructive Sleep Apnea. June 13, 2006
         2. Rhinosinusitis. September 12, 2006
      4. Baylor College of Medicine Pulmonary/Critical Care Grand Rounds
         1. Obstructive Sleep Apnea: Current Management Opinions. November 15, 2006
      5. St. Luke’s Hospital Pulmonary/Critical Care Grand Rounds. Surgical Management of Obstructive Sleep Apnea. January 24, 2007
      6. Baylor College of Medicine Radiology Grand Rounds.
         1. Endoscopic Sinus Surgery – Clinical Correlations for the Radiologist. April 9, 2008
         2. Clinical and surgical aspects of functional endoscopic sinus surgery. June 26, 2013.
      7. Baylor College of Medicine Sleep Medicine Fellowship Lecture series
         1. 2009 – 2013 – Obstructive Sleep Apnea – An Anatomical outlook
            1. Last March 18, 2013
      8. Methodist Hospital International Lecture Series, Houston, TX
         1. Sleep Disordered Breathing: An Otolaryngology – Head and Neck Surgery Perspective, Part 1: Initial Evaluation. April 25, 2008
         2. Sleep Disordered Breathing: An Otolaryngology – Head and Neck Surgery Perspective, Part2: Treatment. April 25, 2008
      9. The Methodist Hospital - Oral maxillofacial Surgery Grand Rounds. Sleep Apnea: An Otolaryngology – Head & Neck Perspective. January 22, 2009
      10. Baylor College of Medicine ENT Interest Group, Houston, TX
          1. May 3, 2009 – Introduction to Otolaryngology – Head & Neck Surgery
          2. Nov 2, 2011 – Introduction to Otolaryngology – Head & Neck Surgery
          3. March 28, 2012 – Finding the right residency program
2. Visiting professorships: (include location, dates):
   1. Uniformed Services University of the Health Sciences, Brooke Army Medical Center, San Antonio, Texas, September 12-13, 2013.

**IV. MEDICAL AND SERVICE INFORMATION**

1. Patient care responsibilities at BCM and/or its Affiliated Institutions
   1. Department-wide
      1. Residency program director, Bobby R. Alford Department of Otolaryngology – Head & Neck Surgery
   2. Section or specialty
      1. Director, Sinus Center at BCM, <http://www.bcm.edu/sinuscenter>
      2. Director, Otolaryngic allergy practice
      3. Co-Director, Methodist Center for Minimally Invasive Skull Base and Brain Surgery
         1. <http://www.methodisthealth.com/CenterforMinimallyInvasiveSkullBaseBrainSurgery>
      4. Director, OTO-HNS section, Baylor College of Medicine Sleep Center
         1. <http://www.baylorclinic.com/services-specialties/sleepcenter/our-physicians.cfm>
      5. Faculty, The Methodist Hospital Comprehensive Sleep Disorders Program

<http://www.methodisthealth.com/nineurology.cfm?id=34902>

* + 1. Faculty, The Pituitary Center at BCM
       1. http://www.bcm.edu/neurosurgery/pituitarycenter/index.cfm?PMID=20975

1. Clinical laboratory responsibilities at BCM: n/a
2. National education or voluntary health organization participation:
   1. American Academy of Otolaryngology – Head and Neck Surgery
      1. National Residency On-line Curriculum.Granulomatous diseases of the head and neck.Wrobel B, Takashima, M. July 2003
   2. American Board of Otolaryngology
      1. Task Force on New Materials, 2009-2012
      2. Editor, Maintenance of Certification – Allergic Fungal Sinusitis, December 2011
   3. Association of American Medical Colleges and Harvard Medical School. Austin, TX
      * + 1. GME Leadership Development Course – Part I. April 22-23, 2006
          2. Group on Resident Affairs – April 23 – 26, 2006
   4. 40 years in Practice? Ensuring a lifetime of high quality surgical performance: incentives, pressures, technology. The Methodist Hospital – MITIE, Houston, TX Feb 27 – March 1, 2013
   5. ACGME Design Conference on Managing Changes in the Learning Environment to Achieve Innovation and Improvement. Rosemont, IL. September 8-9, 2007
   6. ACGME Annual Educational Conference
      1. Kissimmee, FL. March 2 – 4, 2006
      2. Kissimmee, FL. March 1 - 4, 2007
      3. Grapevine, TX. February 28 – March 2, 2008
      4. Grapevine, TX. February 4 – 8, 2009
      5. Nashville, TN. March 4 – 8, 2010
   7. Agency for Healthcare Research and Quality, US Department of Health and Human Services
      1. Developed an online clinician power point lecture for distribution: Allergen-Specific Immunotherapy for the Treatment of Allergic Rhinoconjunctivitis and/or Asthma: Comparative Effectiveness Review. http://effectivehealthcare.ahrq.gov/search-for-guides-reviews-and-reports/?pageaction=displayproduct&productID=1648
      2. Developed an online CME module: Subcutaneous and Sublingual Immunotherapy to Treat Allergic Rhinitis/Rhinoconjunctivitis and Asthma. http://www.effectivehealthcare.ahrq.gov/index.cfm/search-for-guides-reviews-and-reports/?pageaction=displaycmeactivity&activityID=350&cmepage=cme\_info
   8. Otolaryngology Program Director’s Organization

Tasked to review, define, refine, and disseminate information and new practice patterns relevant to all ACGME accredited Otolaryngology – Head & Neck Surgery Residency Programs

Officer, Member at large, 2009–2013

1. Administrative assignments at BCM
   1. Department administration, committees, etc.
      1. Research advisory committee, 2005 – present
      2. Curriculum committee, 2005 – present
   2. College administration, committees, etc.
      1. Graduate Medical Education Committee, BCM, 2005-present
      2. Medical Records Committee, The Methodist Hospital, 2008 – present
      3. Head, Neck, Integumentary Quality Management Subcommittee, The Methodist Hospital, 2009 – 2012
      4. Neurosensory OR Subcommittee, The Methodist Hospital, 2012-present
      5. Bobby R Alford Education Center Planning Committee, BCM, 2012-present
      6. Continuing Medical Education Committee, BCM, 2013-present