

Marion Boyd Gillespie, M.D., M.S., FACS

Curriculum Vitae

WORK ADDRESS:

Department of Otolaryngology
135 Rutledge Avenue, Suite 1110
P.O. Box 250550
Charleston, SC 29425
(Ph) 843-792-6012
(Fax) 843- 792-7388
E-mail gillesmb@musc.edu

BOARD CERTIFICATION: American Board of Otolaryngology
Date 4-24-00 # 16330

LICENSURE: South Carolina #21752
Exp. 12/31/08

EDUCATION:

- Davidson College, Davidson, NC, B.A., Classics, Magna Cum Laude, 1986-1990
- Johns Hopkins University School of Medicine, Baltimore, MD, M.D., 1990-1994
- Masters in Clinical Research, Medical University of South Carolina, Charleston, SC, 2001-2003.

POSTGRADUATE TRAINING:

Internship Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, June 1994- June 1995

Residency: Department of Otolaryngology- Head & Neck Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, July 1, 1995- June 30, 1999

Fellowship: General Academic Otolaryngology, Charles W. Cummings, M.D.- Preceptor, Johns Hopkins University School of Medicine, Baltimore, MD, July 1, 1999- June 30, 2000

ADDITIONAL COURSES:

- St. Louis University Free Tissue Transfer for Major Ablative Defects of the Head and Neck, St. Louis, MO, Oct. 22-24, 2004.
- Kentucky Proteomics Training Program, Louisville, KY, May 6-10, 2005.
- Atlanta School of Sleep Medicine Surgical Treatment Course, Atlanta, GA, Oct. 29-30, 2005.
- AACE Thyroid Ultrasound and FNA Biopsy Accreditation Course, Snowbird, UT, January 13-15, 2006.

PROFESSIONAL APPOINTMENTS :

7/2006- Present	Associate Professor, Dept. Otolaryngology, MUSC
7/2006- Present	Associate Member of College of Graduate Studies, MUSC
7/2000-2006	Assistant Professor, Dept. of Otolaryngology, MUSC
1/2005- Present	Director, MUSC Snoring Clinics
7/2000-2005	Chief of Otolaryngology- Head and Neck Surgery Ralph H. Johnson Veterans Administration Hospital
7/2004-Present	Surgical Consultant, MUSC Sleep Disorders Center
7/1999- 6/2000	Instructor, Otolaryngology- Head & Neck Surgery, Johns Hopkins University School of Medicine, Baltimore, MD

RESEARCH EXPERIENCE:

June 1991- August 1991	Research Assistant, U.S. Public Health Service COSTEP Officer, U.S. Food & Drug Administration, Washington, D.C.
July 1993- September 1993	Research Elective, Johns Hopkins University School of Medicine, The Center for Sleep Disorders, Baltimore, MD
July 1995- December 1995	Research Rotation, Johns Hopkins Department of Otolaryngology- HNS, The Center for Hearing Sciences, Baltimore, MD

AFFILIATIONS & PROFESSIONAL MEMBERSHIPS (*Member, unless otherwise noted*)

- American Academy of Otolaryngology- Head & Neck Surgery, 1995-present
- Fellow, American Head & Neck Society- 2004-present
- Fellow, American College of Surgeons, 2003-present
- American Academy of Sleep Medicine, 2000-present
- BEST-ENT (Building Evidence for Successful Treatment in Otolaryngology), 2003-present
- The Johns Hopkins Medical and Surgical Society, 1994-present
- The Crowe Society, Department of OLHNS, The Johns Hopkins Medical Institution
- American Medical Association, 2000-present
- Dysphagia Research Society, 2003-present
- Charleston County Medical Society, 2000-present
- South Carolina Medical Association, 2000-present
- South Carolina Society of Otolaryngology- HNS, 2000-present
- Lowcountry Phi Beta Kappa Society, 2000-present
- SC Cancer Alliance, 2003-present

HONORS & AWARDS:***Professional***

- 2007 MUSC Pastoral Services Caring Spirit Award Nominee
- 2006 MUSC Health Sciences Foundation Teaching Award Nominee
- Alpha Omega Alpha (AΩA) Medical Honor Society, Spring 2006.
- *Best Doctors in America* 2004-present

- S.C. State Legislature *Doctor of the Day*, April 16, 2003
- 2003 AMA Foundation Leadership Award Conference
- Faculty Excellence Teaching Award Nominee, 2003
- Golden Apple Teaching Award Nominee, 2002, 2004, 2005
- Daiichi Clinical Scholar in Evidence Based Research 2001
- Clinical Research Curriculum Award- \$3500 toward tuition for Masters in Clinical Research at MUSC, September, 2001.
- MUSC Hollings Cancer Center Award for Outstanding Research in Otolaryngology- Head & Neck Surgery, 4th Place, 18th Annual F. Johnson Putney Lectureship, October 4, 2003

Residency

- Outstanding Chief Resident 1998-1999, The Johns Hopkins Bayview Medical Center
- Hoeschst Marion Roussel, Clinical Science Award 1999, 2nd Place
- American Academy of Otolaryngology- HNS, Resident Research Travel Award, 2/96

Medical School

- Student Government 1991-1992

Undergraduate

- Phi Beta Kappa (1990)
- Omicron Delta Kappa (1990)
- Sandy Black Memorial Premedical Award (1989)
- Alpha Epsilon Delta Premedical Honor Society (1989)
- Harry S Truman Scholarship Finalist (1988)
- Freshman Scholarship Award (1987)
- Kappa Alpha Freshman Scholarship Award (1987)

PROFESSIONAL COMMITTEES:

Institutional

- Institutional Review Board, 2007-present
- Hollings Cancer Center American College of Surgeons Physician Liaison, 2007-
- Hollings Cancer Center Cancer Committee Leadership, 2007-
- Hollings Cancer Center Tissue Bank Committee, 2007-
- Hollings Cancer Center Clinical Trials and Biostatistics Core Advisory Board, 2007-
- MUSC Faculty Senate, 2005- 2007
- MUSC Faculty Senate Committee on Institutional Advancement, 2005-2007
- MUSC Committee on Graduate Medical Education 2000-2005
- MUSC Compliance Committee 2000-2001
- Parallel Curriculum Medical Student Evaluator 2000-2001
- Ralph H. Johnson VA Medical Center Cancer Committee, 2000-2005
- MUSC Radiology Chair Search Committee, 2002
- VA Advanced Clinical Access Steering Committee, 2005.

Departmental

- Webmaster, MUSC Dept. Otolaryngology- Head & Neck Surgery, 2000-2001
www.musc.edu/ent
- Editor, *The Scope*, Newsletter for MUSC Dept. of Otolaryngology, 2001-present
- Peer-Review Committee, 2005- present.

National/ Societal

- AAO-HNS Congressional Contact Network Participant, 2000-present
- Crowe Society, President 2005- present; Secretary-Treasurer 2001-2004
- Secretary-Treasurer, S.C. Society of Otolaryngology (2003- 2005)
- American Academy of Otolaryngology- Head & Neck Surgery:
 - Member, Neurology Subcommittee, 2001-2004
 - Member, Sleep Disorders Committee, 2001-present
 - Member, Outcomes Research Committee, 2001-2007
- Board of Governors Public Relations Representative, South Carolina Society of Otolaryngology- Head & Neck Surgery 2002-present
- Southwest Oncology Group (SWOG), 2002-present
- American College of Surgeons Oncology Group (ACOSOG) 2003-present
- AAO-HNSF Task Force on New Materials- 2004-2005
- American Board of Otolaryngology Test Item Writer, 2004-2007.
- American Society of Anesthesiologists Task Force on Perioperative Management of Patients with Obstructive Sleep Apnea 2005.
- Prevention Committee, American Head & Neck Society, 2004-present

JOURNAL REVIEWER

Otolaryngology-Head and Neck Surgery, 1999-present

Laryngoscope, 2000-present

Archives of Otolaryngology- Head & Neck Surgery, 2005-present

The Merck Manual of Health and Aging, 1st Edition, 2003.

ORL Oto-Rhino-Laryngology; Basel, Switzerland, 2004-present.

The Lancet Oncology, 2005-present

Head & Neck, 2005-present.

The International Journal of Psychiatry in Medicine, 2006-present.

Annals of Surgical Oncology, 2007-present.

EDITORIAL ACTIVITY

Editor, e-dition General Considerations in Head & Neck

Cummings' *Otolaryngology- Head & Neck Surgery, 4th edition*

Elsevier, Inc., Philadelphia, PA, 19106-3399

Editorial Advisory Board, *Respiratory Therapy- 2007-present*

Editorial Board, *Otolaryngology- Head & Neck Surgery- 2008-present*

TEACHING/MENTORING**Medical Students**

- 1st Year, Gross Anatomy of Head & Neck, 6 hours/year, 2000- present
- 3rd Year, Small Group Meetings, 1hour/week, 2003-present.
- 4th Year Senior Surgery Core- 20 hours. informal; 1 hour formal, 2001-present
- Course Preceptor, *Otolaryngology for Primary Care Physicians*, 2001-2003
- Member, University Medical Education Committee (Dept. of Surgery) 2003-2006

Medical and Dental Student Mentorship

William T. Lowrance (2002)	Tumoral calcinosis.
W. Frank Ingram (2002)	A value-based approach to power-assisted adenoidectomy.
W. Frank Ingram (2003)	Respiratory epitheliomatous hamartoma.
Christian Walters (2003)	Research subject privacy protection in otolaryngology research.
Diana A. Smith (2004)	Retropharyngeal carotid artery.
Lynn J. Poole (2004)	Head and neck recurrence and survival in non-selective cyclooxygenase inhibitor users.
Patrick Angelos (2005)	Laboratory versus home polysomnography: a meta-analysis.
Joshua Downie (2005)	Metastasis-associated protein in oral and head and neck cancer.
Andrew Rampey (2005)	A combined endoscopic and open approach to the removal of indwelling tracheal stents.
Justin Turner (2005)	Myofibroma of the head and neck.
Natalka Stachiw (2006)	Intracapsular melanocytes on sentinel node biopsy.
Jordan Case (2006)	Inflammatory biomarkers in metastatic cutaneous squamous cell carcinoma.
James Ryan (2006)	Epidermal fatty acid binding protein in head and neck cancer.
Ennis James (2006)	Staging of neck disease in head and neck cancer: a proposal for N3b classification.
Ken Byrd (2006)	Salivary Proteomics
Theodore McRackan (2007)	Correlation between clinical impression or HPV status and genetic testing in banked oropharyngeal cancer specimens. 1 st Place Clinical Research & 1 st Place Interprofessional Collaboration, MUSC Student Research Day, Nov. 2 nd , 2007.
Justin Way (2007)	PlasmaKnife for Parotidectomy
Jason Curry (2008)	Hydroxylapatite paste for vocal reconstruction.

Residents 2000-present

- 20 hours/week informal
- 2 hours/week Hollings Head & Neck Cancer Tumor Board & Rounds
- 5 hours/year. Formal didactics
- Journal Club/ Evidence-based Medicine Preceptor, 1x month

Resident Clinical Research Mentorship:

Keith Meetze, MD	Triological Society Research Travel Award 2002 (\$500)
Michael Noone, MD	Triological Society Research Travel Award 2003 (\$500)
Brad Woodworth, MD	Triological Society Research Travel Award 2004 (\$500)
Marcus Moody, MD	Winner, Frances LeJune Resident Research Award (\$800) 2 nd Place Poster Competition (\$300)
Mark Ghegan, MD	Southern Section Meeting of the Triological Society 2005 Triological Society Research Travel Award 2005 (\$500)
Eric Oliver, MD	Triological Society Research Travel Award 2006 (\$500)
Joshua Farrar, MD	Lester A. Brown Resident Research Award (\$1000) Radiofrequency for OSA

Professional Teaching

Course Director, *Charleston Snoring Course 2006*, Saturday, November 18th, 2006-
This CME event was attended by over 40 physicians from SC and the US. The focus of the course was the management of snoring and sleep apnea in the office-based setting.

Institutional

Oral Cancer Teaching Module. SC Geriatric Education Center, 2005.

MUSC College of Health Professions.

CHP 610 Voice and Resonance Disorders (Fall). Lectures on H&N Cancer
CHP 610 Voice and Resonance Disorders (Spring)- Lectures on medical and surgical management of common voice disorders.

MUSC College of Graduate Studies

MBIM 716 (Fall). Development of Molecular Cancer Therapies: From Bench to Bedside.
Lectures on translational research in head and neck cancer.

Graduate Advisory Committee:

Yan Lin, candidate for Ph.D. in Department of Biometry & Epidemiology:
Dissertation Project *Exact bootstrap confidence intervals for the difference of two probabilities using data from two independent binomial samples with small sample sizes (July 2004-May 2006).*

COMMUNITY SERVICE

- The Yul Brynner Head & Neck Cancer Foundation, South Carolina Chapter, President 2001-2003, Vice President, 2000-2001, Treasurer. 2003- Present
- Member, South Carolina Cancer Leadership Summit, 2002- present
- American Cancer Society Community Steering Committee, 2004-present.
- Free Enterprise Foundation, Board Member, 2006-present.

BIBLIOGRAPHY**Peer Reviewed Articles.**

1. Lajvardi A, Mazarin G, **Gillespie MB**, Satchithanandam S, Calvert RJ. Starches of varied digestibilities differently modify intestinal function in rats. *J Nutr* 1993; 123: 2059-2066.
2. **Gillespie MB**, Flint PW, Smith PL, Eisele DW, Schwartz AR. Diagnosis and treatment of obstructive sleep apnea of the larynx. *Arch Otolaryngol Head Neck Surg* 1995; 121: 335-339.
3. Mayor AH, Schwartz AR, Rowley JA, Willey SJ, **Gillespie MB**, Smith PL, Robotham JL. The effect of blood pressure changes on airflow dynamics in the upper airway. *Anesthesiology* 1996; 84: 128-134.
4. **Gillespie MB**, O'Malley BW, Francis HW. An approach to fulminant invasive fungal rhinosinusitis in the immunocompromised host. *Arch Otolaryngol Head Neck Surg* 1998; 124: 520-526.
5. Doucet JR, Ross AT, **Gillespie MB**, Ryugo DK. Glycine immunoreactivity of multipolar neurons in the ventral cochlear nucleus which project to the dorsal cochlear nucleus. *J Comp Neurol* 1999; 408: 515-531.
6. **Gillespie MB**, Minor LB. Prognosis in bilateral vestibular hypofunction. *Laryngoscope* 1999; 109: 35-41.
7. **Gillespie MB**, Eisele DW. Outcomes of emergency surgical airway procedures in a hospital-wide setting. *Laryngoscope* 1999; 109: 1766-1769.
8. **Gillespie MB**, Eisele DW. The uvulopalatal flap for reconstruction of the soft palate. *Laryngoscope* 2000; 110: 612-615.
9. **Gillespie MB**, Huchton DM, O'Malley BW. The role of middle turbinate biopsy in the diagnosis of fulminant invasive fungal rhinosinusitis. *Laryngoscope* 2000; 110: 1832-1836.
10. **Gillespie MB**, Francis HW, Chee N, Eisele DW. Squamous cell carcinoma of the temporal bone: a radiographic-pathologic correlation. *Arch Otolaryngol Head Neck Surg* 2001; 127: 803-807. *Selected for Otolaryngology Home Study Course 2005.*
11. Meetze K, **Gillespie MB**, Lee F. Obstructive sleep apnea: a comparison of black and white subjects. *Laryngoscope* 2002; 112: 1271-1274.
12. Lowrance WT, Skoner JM, Richardson MS, **Gillespie MB**. Pathology quiz case 2: tumoral calcinosis. *Arch Otolaryngol Head Neck Surg* 2002; 128: 1425-27.
13. **Gillespie MB**, Scarlett M, Ingram WF, Hoy M. A value-based approach to power-assisted adenoidectomy. *Annals Otol Rhinol Laryngol.* 2003; 112: 606-610.
14. Noone M, Walters C, **Gillespie MB**. Research subject privacy protection in otolaryngology. *Arch Otolaryngol Head Neck Surg.* 2004; 130: 266-269.
15. Woodworth BA, **Gillespie MB**, Lambert PR. The canalith repositioning maneuver for benign positional vertigo: a meta-analysis. *Laryngoscope.* 2004; 114:1143-1146
16. **Gillespie MB**, Brodsky MA, Day TA, Lee F, Martin-Harris B. Swallowing-related quality of life after head and neck cancer treatment. *Laryngoscope.* 2004; 114: 1362-1367.
17. Smith DA, Neal J, Rumboldt Z, **Gillespie MB**. Retropharyngeal Carotid Artery. *Arch Otolaryngol Head Neck Surg.* 2005; 131: 75, 78-79.

18. **Gillespie MB**, Brodsky MA, Day TA, Sharma AK, Lee FS, Martin-Harris B. Laryngeal penetration and aspiration during swallow after the treatment of advanced oropharyngeal cancer. *Arch Otolaryngol Head Neck Surg.* 2005;131: 615-619.
19. Schlosser RJ, Woodworth BA, **Gillespie MB**, Day TA. Endoscopic resection of sinonasal hemangiomas and hemangiopericytomas. *ORL* 2006; 68: 69-72.
20. Ingram WF, Noone M, **Gillespie MB**. Respiratory Epitheliomatous Hamartoma. *Ear Nose Throat* 2006; 85: 190-192.
21. Woodworth BA, **Gillespie MB**, Day TA, Kline R. Muscle-sparing abdominal free flaps in head and neck reconstruction. *Head Neck* 2006; 28: 802-807.
22. Ghegan M, Angelos P, Stonebreaker AC, **Gillespie MB**. Laboratory versus home polysomnography: a meta-analysis. *Laryngoscope* 2006; 116: 859-64.
23. **Gillespie MB**, Day TA, Sharma AK, Brodsky MB, Martin-Harris B. The role of mitomycin in upper digestive tract stricture. *Head Neck* 2007; 29: 12-17.
26.
24. **Gillespie MB**, Moody MW, Poole LJ, Hornig J, Lee FS, Lathers D, Young MR, Day TA. Head and neck cancer recurrence and mortality in non-selective cyclooxygenase inhibitor users. *Arch Otolaryngol Head Neck Surg.* 2007; 133: 28-31.
25. Rampey AM, Silvestri GA, **Gillespie MB**. Combined endoscopic and open approach to the removal of expandable metallic tracheal stents. *Arch Otolaryngol Head Neck Surg.* 2007; 133: 37-41.
26. Yuen HK, **Gillespie MB**, Day TA, Morgan L, Burik JK. Driving behaviors in patients with head and neck cancer during and after cancer treatment: a preliminary report. *Head Neck* 2007; 29: 675-81.
27. Young MR, Neville BW, Chi AC, Lathers DM, **Gillespie MB**, Day TA. Oral premalignant lesions induce immune reactivity to both premalignant oral lesions and head and neck squamous cell carcinoma. *Cancer Immunol Immunother.* 2007; 56: 1077-1086.
28. Young MR, Neville BW, Chi AC, Lather DM, **Gillespie MB**, Day TA. Autocrine motility-stimulatory pathways of oral premalignant lesion cells. *Clin Exp Metastasis* 2007; 24: 131-139.
29. Turner J, Skinner M, Caplan MJ, **Gillespie MB**. Pathology Quiz Case: Infantile myofibromatosis. *Arch Otolaryngol Head Neck Surg.* 2007; 133: 620-622.
30. Yuen, HK, **Gillespie MB**, Day TA, Sharma, AK, Bandyopadhyay D. Driving Performance in Patients with Cancer of the Head and Neck: A Pilot Study. *Arch Otolaryngol Head Neck Surg.* 2007; 133: 904-9.
31. Karahatay S, Thomas K, Koybasi S, Senkal CE, Slojeimy S, Liu X, Bielawski J, Day TA, **Gillespie MB**, Sinha D, Norris JS, Ogretman B. Clinical relevance of ceramide metabolism in the pathogenesis of human head and neck squamous cell carcinoma (HNSCC): Attenuation of C15-ceramide in HNSCC correlates with lymphovascular invasion and nodal metastasis. *Cancer Lett.* 2007; 256: 101-111.
32. Oliver ER, Gist MA, **Gillespie MB**. Percutaneous Tracheotomy: A Meta-analysis. *Laryngoscope* 2007; 117: 1570-1575.
33. Yuen HK, Sharma AK, Logan WC, **Gillespie MB**, Day TA, Brooks JO. Radiation dose, driving performance, and cognitive function in patients with head and neck cancer. *Radiother Oncol.* 2008 April 17
34. Woodworth BA, Chandra RK, Hoy MJ, Lee FS, Schlosser RJ, **Gillespie MB**. A

- randomized, controlled trial of a hyaluronic acid/ carboxymethylcellulose dressing after endoscopic sinus surgery. Accepted for publication *Ear Nose Throat* 2007.
35. McRackan TR, Watkins JM, Herrin AE, Garrett-Mayer E, Sharma AK, Day TA, **Gillespie MB**. The effect of body mass index on chemoradiation outcomes in head and neck cancer. Accepted for publication. *Laryngoscope*
36. Farrar J, Ryan J, Oliver E, **Gillespie MB**. Radiofrequency ablation for the treatment of obstructive sleep apnea: a meta-analysis. Accepted for publication. *Laryngoscope*

Non-Peer Reviewed Publications

1. **Gillespie MB**. Crack. *Mediphors* Fall-Winter 1994:53.
2. **Gillespie MB**, O'Malley B. An algorithmic approach to the immunocompromised patient suspected of invasive fungal rhinosinusitis. *Otolaryngol Clin North Am* 2000; 33: 323-334.
3. **Gillespie MB**. Pharyngitis. *The Journal of the South Carolina Medical Association* 2001; January, Vol. 97: 25-30.
4. **Gillespie MB**. Acute invasive fungal rhinosinusitis: an update. *Current Medical Literature: Ear Nose Throat* 2001, 2: 73-79.
5. Day TA, Davis BK, **Gillespie MB**, et al. Oral cancer treatment. *Curr Treat Options Oncol.* 2003; 4: 27-41.
6. Day TA, Deveikis J, **Gillespie MB**, et al. Salivary gland neoplasms. *Curr Treat Options Oncol.* 2004; 5:11-26.
7. **Gillespie MB**, Osguthorpe JD. Pharmacological management of chronic rhinosinusitis and nasal polyposis. *Current Allergy and Asthma Reports* 2004; 4: 478-485.
8. Day TA, Hornig JD, Sharma AK, Brescia F, **Gillespie MB**, Lathers D. Melanoma of the head and neck. *Curr Treat Options Oncol.* 2005; 6: 19-30.
9. Day TA, Beas RA, Schlosser RJ, Woodworth BA, Barredo J, Sharma AH, **Gillespie MB**. Management of paranasal sinus malignancy. *Curr Treat Options Oncol.* 2005; 6: 3-18.
10. **Gillespie MB**, Barredo J, Marshall D, Day TA. Pediatric rhabdomyosarcoma of the head and neck. *Curr Treat Options Oncol.* 2006; 7: 13-22.

Editorials, Book Reviews, Letters

1. **Gillespie MB**. Letter: looking south to find the medicine of my heart. *Pharos*. Autumn 2007: 47.
2. **Gillespie MB**, Ghegan MD. Response: home versus laboratory sleep studies. *Laryngoscope* 2006; 116: 2092.
3. **Gillespie MB**. Mandatory national health service (comment). *JAMA* 1993; 270 (23): 2805-6.
4. **Gillespie MB**. Recurrent otitis media (letter). *JAMA* 2003; 289: 1383.
5. **Gillespie MB**. Research training in otolaryngology: Is it time to refocus our efforts? (editorial). *Arch Otolaryngol Head Neck Surg.* 2003; 129: 1349-1350.
6. **Gillespie MB**. Ballenger's Otorhinolaryngology Head and Neck Surgery, 16th Edition. *Head Neck* 2004; 26: 999-1000.

Book Chapters

1. Oliver ER, **Gillespie MB**. Deep Neck Infections. In Flint PW, et al., eds. Cummings Otolaryngology Head and Neck Surgery, 5th Edition. Elsevier Mosby, Philadelphia.
2. **Gillespie MB**, Craig BS, Dierdorf SF. Complications of intubation and emergency airway management. In Eisele, DW, Smith R, eds. Complications in Head and Neck Surgery, 2nd Edition, 2007, Elsevier, Philadelphia.
3. **Gillespie MB**, Eisele DW. Complications of salivary gland surgery. In Eisele, DW, Smith R, eds. Complications in Head and Neck Surgery, 2nd Edition, 2007, Elsevier, Philadelphia.

Multi-Media Publications

1. **Gillespie MB**. Benign soft tissue tumors of the parapharyngeal space. May 2000. Yourdoctor.com
2. **Gillespie MB**. Malignant tumors of the parapharyngeal space. May 2000. Yourdoctor.com
3. Osguthorpe JD, **Gillespie MB**. Parotid Neoplasms. AAO-HNSF Slide Teaching Series, May 2005.
4. **Gillespie MB**. Obstructive sleep apnea-hypopnea syndrome in older adults. Primary Care in Otolaryngology for the Geriatric Patient. August 2005. www.Entnet.org
5. Woodworth BA, **Gillespie MB**, Patel SJ, Schlosser RJ. Case of the quarter: endoscopic resection of a transcranial esthesioneuroblastoma. American Rhinological Society Nose News, Summer 2005.
6. **Gillespie MB, ed**. Papillary Thyroid Cancer. eMedicine Journal.
7. Oliver E, Mitchell A, **Gillespie MB**, Hornig J, Day TA. Surgical approach to head and neck cancer. In: *Perspective on Swallowing and Swallowing Disorders*. American Speech and Hearing Association Newsletter, June 2006.

Published Abstracts

Williams K, Watkins J, Sharma A, Day TA, Hornig J, **Gillespie MB**. Outcomes of interstitial brachytherapy salvage of head and neck cancer recurrence. *Radiother Oncol*. 2007; 82 Supp 1: S20.

Research Presentations

1. Kulbersh J, Day TA, **Gillespie MB**, Young R. Immunomodulation of vitamin D in head and neck cancer. American Academy of Otolaryngology- Head and Neck Surgery Annual Meeting, Chicago, IL, September 23, 2008.
2. Westwater C, Day TA, **Gillespie MB**, Cartmell K, Duffy P, Pierce C, Quigley D, Oltman D, Reed S. The oral microenvironment in patients with oral squamous cell carcinoma. IADR, Toronto, ON, July 3, 2008.
3. Mulligan JK, Day TA, **Gillespie MB**, Young MRI. HNSCC-secreted VEGF skews endothelial cells to suppress T-cell functions. 2008 Experimental Biology Meeting, San Diego, CA.
4. McRackan T, Rubinchik S, Sutkowski NA, **Gillespie MB**. Accuracy of clinical diagnosis in predicting HPV-positivity in HNSCC. 7th International Conference on Head and Neck Cancer, San Francisco, CA, July 18th, 2008.

5. Rubinchik S, McRackan T, Hoel B, Halstead L, **Gillespie MB**, Sutkowski NA. HPV 16 E6/E7 transactivates a human endogenous retroviral superantigen that is expressed in HPV+ head and neck cancer. 7th International Head and Neck Cancer Meeting, San Francisco, CA, July 18th, 2008.
6. Rubinchik S, McRackan T, Hoel B, Halstead L, **Gillespie MB**, Sutkowski N. HPV 16 E6/E7 transactivates a human endogenous retroviral superantigen that is expressed in HPV+ head and neck cancer. Keystone Symposia, Victoria, Canada, April 13-18, 2008.
7. **Gillespie MB**, Clarke J, Blair J, et al. Functional targets of swallowing in head and neck cancer. Dysphagia Research Society, March 6th, 2008, Isle of Palms, SC.
8. Way T, Martin-Harris B, Delegge M, Day T, **Gillespie MB**, et al. Complete stenosis of the pharyngo-esophagus after chemoradiation for head and neck cancer treated with the CARD procedure: the MUSC experience. Dysphagia Research Society, March 6th, 2008, Isle of Palms, SC.
9. McRackan T, Wilkins J, Sharma AK, Day TA, **Gillespie MB**. The effect of body mass index on chemoradiation outcomes in head and neck cancer. Triological Society Eastern Section Meeting, Philadelphia, PA, January 30th, 2007.
10. Watkins J, Sharma A, O'Brien P, Day T, **Gillespie MB**. Re-irradiation of head and neck cancer using twice daily split-course fractionation with concurrent chemotherapy: the Medical University of South Carolina Experience. 97th Annual Meeting of the Radiological Society of North America, November 25th, 2007, Chicago, IL.
11. McRackan T, Rubinchik S, Sutkowski N, **Gillespie MB**. Evaluation of a physician's predictive ability regarding HPV presence in oral and oropharyngeal squamous cell cancers. MUSC Hollings Cancer Center Student Research Day, Charleston, SC, Friday, November 2nd, 2007.
12. Pierce T, Reed SG, Day TA, **Gillespie MB**, Westwater C. Candida species within the oral cavity of patients with and without oropharyngeal cancer. MUSC Hollings Cancer Center Student Research Day, Charleston, SC, Friday, November 2nd, 2007.
13. Moore B, **Gillespie MB**. Salivary proteomics: method development for a MALDI-TOF mass spectrometer. MUSC Hollings Cancer Center Student Research Day, Charleston, SC, Friday, November 2nd, 2007.
14. Way J, Hornig JD, Lentsch E, Day TA, **Gillespie MB**. Utilization of the Plasma Knife in superficial parotidectomy. 2nd International Congress on Salivary Gland Diseases, Pittsburg, PA, October 20th, 2007.
15. Case JM, **Gillespie MB**, Day TA, Hornig JD, Lentsch EJ, Lathers DM. Inflammatory immune response in papillary thyroid carcinoma. Annual Meeting of the AAO-HNSF, Washington, DC, September 16, 2007.
16. Williams K, Watkins J, Sharma A, Day TA, Hornig J, **Gillespie MB**. Outcomes of interstitial brachytherapy salvage of head and neck cancer recurrence. Annual Meeting of the AAO-HNSF, Washington, DC, September 16, 2007.
17. Reed SG, Day TA, Jones ERW, Ross MF, Shapiro LF, **Gillespie MB**, Cartmell KB, Duffy NG, Quigley DI. Oral cavity microenvironment in oral and oropharyngeal cancer: preliminary results of a case-control study. IAOO, Amsterdam, May 14th, 2007.

18. Day TA, Davis BK, Hornig JD, Skoner JD, **Gillespie MB**, Martin-Harris BM, Brodsky MB, Sharma AK. Oral cavity reconstruction: an integrative approach with prosthodontics. IAOO, Amsterdam, May 14th, 2007.
19. Watkins JM, Shirai KS, Crowley M, Day TL, **Gillespie MB**, Chaudhary U, Sinha D, Sharma AK. Definitive concurrent chemoradiotherapy (CCRT) to 70 Gy with weekly cisplatin and paclitaxel (CP) in the treatment of locally advanced head and neck cancer (LAHNC). 89th Annual Meeting of the American Radium Society, Amsterdam, Netherlands, May 5, 2007.
20. Williams K, Watkins J, Sharma A, Day TA, Hornig J, **Gillespie MB**. Outcomes of interstitial brachytherapy salvage of head and neck cancer recurrence. International Meeting on Innovative Approaches in Head and Neck Oncology, Barcelona, February 22-24, 2007.
21. Oliver ER, Gist MA, **Gillespie MB**. Percutaneous Tracheotomy: A Meta-analysis. Triological Society Combined Section Meeting, Marco Island, FL, Feb. 14th, 2007.
22. Young MRI, Day TA, **Gillespie MB**, Lathers DMR. Mechanisms by which oral squamous cell carcinomas stimulate endothelial cell motility to facilitate vascularization. AACR Aerodigestive Meeting, Tampa, FL, February 7th, 2007.
23. Harper JL, Watkins JM, Chaudhary UB, Spampinato V, Day TA, **Gillespie MB**, Sharma AK. T4 head and neck cancer treated with concomitant cisplatin/paclitaxel and radiotherapy: outcomes and prognostic factors. ASCO/AHNS/ASTRO Multidisciplinary Head and Neck Cancer Symposium, Ranch Mirage, CA, January 18th, 2007.
24. Woodworth BA, Chandra R, Hoy M, Schlosser R, **Gillespie MB**. Seprapack dressing after sinus surgery: a randomized trial. Scientific Session, AAO-HNSF Annual Meeting, Toronto, ON, September 19th, 2006.
25. Goddard JC, Karahatay S, Hornig J, **Gillespie MB**, Day TA. The utility of 2.0 mm locking plates in maxillary and mandibular reconstruction. American Head & Neck Society Annual Meeting, Chicago, IL, August 19th, 2006.
26. Yuen HK, Day TA, **Gillespie MB**. Driving performance on patients with head and neck cancer. American Head & Neck Society Annual Meeting, Chicago, IL, August 18th, 2006.
27. Mitchell AO, Hornig JD, Oliver ER, **Gillespie MB**, Kline R, Dunn M, Day TA. Reconstruction of total scalp defects with cranial involvement: an evolving paradigm. American Head & Neck Society Annual Meeting, Chicago, IL, August 18th, 2006.
28. Gorham ED, James WE, Mohr SB, Karahatay S, Reed SR, **Gillespie MB**, Chi A, Ravenel M, Day TA, Garland CF. Estimates and analysis of oral cancer incidence rates worldwide. American Head & Neck Society Annual Meeting, Chicago, IL, August 18th, 2006.
29. Hornig JD, Redding A, Davis B, Beas R, Martin-Harris B, O'Neill P, Kline R, **Gillespie MB**, Day TA. Optimizing reconstruction of composite mandibular and maxillary defects using three-dimensional models. American Head & Neck Society Annual Meeting, Chicago, IL, August 20th, 2006.
30. **Gillespie MB**, Downie J, Oswald, Betty, Day TA, Hornig J, Arthur J. The identification of epidermal fatty acid binding protein in head and neck cancer using a

- proteomic approach. American Head & Neck Society Annual Meeting, Chicago, IL, August 19th, 2006.
31. **Gillespie MB**, Downie J, Oswald, Betty, Day TA, Hornig J, Arthur J. The identification of epidermal fatty acid binding protein in head and neck cancer using a proteomic approach. 1st Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE), Washington, DC, July 22nd, 2006.
 32. Yuen HK, Sharma AK, Terwilliger LE, Day TA, **Gillespie MB**. Radiation dose, driving performance, and cognitive function in patients with head and neck cancer. 1st Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE), Washington, DC, July 21nd, 2006.
 33. Yuen HK, Day TA, Barkley RA, **Gillespie MB**. Driving evaluation of head and neck cancer survivors. 1st Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE), Washington, DC, July 21nd, 2006.
 34. Reed SG, Day TA, Duffy N, Cartmell K, Brandt H, Hebert J, Adams S, Yen L, **Gillespie MB**. Oral and pharyngeal cancer case-control study. UICC World Cancer Congress 2006, July 10, 2006, Washington, DC.
 35. Rampey A, **Gillespie MB**, Silvestri G, Boylin A, Day TA. Combined endoscopic and open approach for removal of indwelling tracheal stents. Annual Meeting of the American Bronchoesophagological Association, Chicago, IL, May 19th, 2006.
 36. Sharma AK, Turner J, Dragun A, **Gillespie MB**, Day TA. Treatment results of aggressive cutaneous squamous cell carcinoma of the head and neck. American Radium Society 88th Annual Meeting, Maui, HA, May 6-10, 2006.
 37. Yuen HK, Morgan LI, Day TA, **Gillespie MB**. Driving evaluation of head and neck cancer survivors. American Occupational Therapy Association's Annual Conference, Charlotte, NC, April 29th, 2006.
 38. Yuen HK, **Gillespie MB**, Barkley RA, Day TA. Driving behaviors in head and neck cancer: self-report. American Occupational Therapy Association's Annual Conference, Charlotte, NC, April 28th, 2006.
 39. Yuen HK, Day TA, Barkley RA, Gillespie MB. Driving evaluation of head and neck cancer survivors. American Occupational Therapy Association's Annual Conference, Charlotte, NC, April 28th, 2006.
 40. Dozier TS, Martin-Harris B, Brodsky MB, Michel Y, **Gillespie MB**, Day TA. Aberrant breathing and swallowing patterns in patients treated for oropharyngeal cancer. Dysphagia Research Society, Scottsdale, AZ, March 2006.
 41. Ghegan M, Angelos P, Stonebreaker AC, **Gillespie MB**. Laboratory versus home polysomnography: a meta-analysis. Southern Section Meeting of the Triological Society, Naples, FL, January 13th, 2006.
 42. Dozier T, **Gillespie MB**, Day TA, Martin-Harris B. Hydroxylapatite paste vocal reconstruction after laser cordectomy. Southern Section Meeting of the Triological Society, Naples, FL, January 13th, 2006.
 43. **Gillespie MB**, Day TA, Scarlett M, Martin-Harris B. Mitomycin C in the treatment of cervical esophageal stenosis. Scientific Session, AAO-HNSF Annual Meeting, Los Angeles, CA, September 27th, 2005.
 44. Davis BK, Day TA, **Gillespie MB**, Martin-Harris BM, Hornig J, Beas R. Multi-disciplinary approach to three dimensional modeling in head and neck

- reconstruction. 2nd International Congress on Advanced Digital Technology in Head & Neck Reconstruction, Banff, Alberta, March 11th, 2005.
45. Moody MW, Poole L, Clark L, Hornig J, Day TA, **Gillespie MB**. Association of head and neck cancer recurrence and mortality with cyclooxygenase inhibitor use. Southern Section Meeting of the Triological Society, Miami, FL, January 14, 2005. *2nd Place Winner of Poster Competition.*
 46. Neal JG, Kulbersh JS, **Gillespie MB**, Patel SJ, Rumboldt Z, Schlosser RJ, Day TA. Skin cancers of the head and neck presenting with cranial neuropathies. Southern Section Meeting of the Triological Society, Miami, FL, January 14, 2005.
 47. Skinner M, **Gillespie MB**, Brodsky MB, Day TA, Martin-Harris B. Relationship between MBS findings and dysphagia-specific quality of life. American Academy of Otolaryngology- Head & Neck Surgery Annual Meeting, New York, NY, September 20th, 2004.
 48. Sharma A, Vu K, Meyer M, Day T, **Gillespie MB**, Koybasi S, Stuart R. Weekly paclitaxel and cisplatin concurrent with conformal radiotherapy in locally advanced head and neck cancer. American Academy of Otolaryngology- Head & Neck Surgery Annual Meeting, New York, NY, September 20th, 2004.
 49. **Gillespie MB**, Brodsky MB, Day TA, Sharma AK, Stuart RK, Martin-Harris B. Dysphagia after treatment of advanced head and neck cancer. 6th International Conference on Head and Neck Cancer, Washington, DC, August 10th, 2004.
 50. Day TA, Richardson M, **Gillespie MB**, et al. Chemosensitivity testing of head and neck cancer in tissue culture. 6th International Conference on Head and Neck Cancer, Washington, DC, August 8th, 2004.
 51. Martin-Harris B, Brodsky MB, **Gillespie MB**, Day TA. Aberrant breathing and swallowing patterns in patients treated for oropharyngeal cancer. 6th International Conference on Head and Neck Cancer, Washington, DC, August 9th, 2004.
 52. Martin-Harris B, Brodsky MB, Michel Y, **Gillespie MB**, Day TA. Coordination between breathing, swallowing, and airway protection. 6th International Conference on Head and Neck Cancer, Washington, DC, August 9th, 2004.
 53. Brodsky MB, **Gillespie MB**, Martin-Harris B, Phillips KD, Moses CK. Continuous breathing and swallowing following total laryngectomy. 6th International Conference on Head and Neck Cancer, Washington, DC, August 9th, 2004.
 54. Sharma AK, Vu K, **Gillespie MB**, Day TA, Stuart RK, Goddu SM. Rate of partial response (PR) of primary tumor to concurrent chemoradiotherapy (CCRT) in locally advanced HNSCC. 6th International Conference on Head and Neck Cancer, Washington, DC, August 8th, 2004.
 55. Day TA, Ernster J, **Gillespie MB**, Frazer N, Huang RC. Open-label phase I dose escalation study of intralesional injection of M4N in head and neck cancer. 6th International Conference on Head and Neck Cancer, Washington, DC, August 9th, 2004.
 56. **Gillespie MB**, Marsh B. Edwin Broyles, MD, and the dawn of modern bronchoesophagology. American Bronchoesophagology Annual Meeting, Phoenix, AZ, May 1, 2004.
 57. Scarlett M, **Gillespie MB**. The role of mitomycin in cervical esophageal stenosis. American Bronchoesophagology Association Annual Meeting, Phoenix, AZ, May 1, 2004.

58. Woodworth B, **Gillespie MB**, Lambert PR. The canalith repositioning maneuver for benign positional vertigo: a meta-analysis. Southern Section Meeting of the Triological Society, Marco Island, FL, January 9, 2004.
59. Koybasi S, Bialewski J, Day T, **Gillespie MB**, Obeid LM, Hannun Y, Ogretmen B. Analysis of endogenous ceramide levels and telomerase activity in head and neck cancer tissues. Hollings Cancer Center Annual Research Day, Isle of Palms, SC, December 5, 2003.
60. Vu K, Day T, **Gillespie MB**, Stuart RK, Sharma AK. Proximal esophageal strictures in head and neck cancer patients following laryngectomy and radiotherapy. American Radium Society 86th Annual Meeting, Napa Valley, CA, May 4, 2004.
61. **Gillespie MB**, Brodsky MB, Day TA, Martin-Harris B. Swallowing outcomes after head and neck cancer treatment. Eastern Section Meeting of the Triological Society, New York, NY, January 24, 2004.
62. Day TA, **Gillespie MB**, Koybasi S. Chemosensitivity of advanced, recurrent, metastatic head and neck squamous cell carcinoma in tissue culture. Eastern Section Meeting of the Triological Society, New York, NY, January 23-25, 2004.
63. Brodsky MB, **Gillespie MB**, Phillips DK, Moses CK, Martin-Harris B. Continuous breathing and swallowing following total laryngectomy. 12th Annual Dysphagia Research Society Meeting, San Francisco, CA, October 2, 2003. *Winner New Investigator Grant (\$500) & 3rd Place Poster Award.*
64. **Gillespie MB**. Quality of life in head and neck cancer: an update. South and North Carolina Society of Otolaryngology- Head & Neck Surgery Annual Meeting, Charleston, SC, July 19, 2003.
65. Noone M, Walters C, **Gillespie MB**. Research subject privacy protection in otolaryngology. The Southern Section Meeting of the Triological Society, Naples, FL, January 10, 2003.
66. Scarlett MD, Ingram F, **Gillespie MB**. A value-based approach to power-assisted adenoidectomy. The Triological Society, Combined Otolaryngological Spring Meeting, Baco Raton, FL, May 12, 2002.
67. Meetze K, **Gillespie MB**, Lee F. Obstructive sleep apnea: a comparison between African-American and Caucasian subjects. The Southern Section Meeting of the Triological Society, Captiva Island, FL, January 12, 2002.
68. Cunningham CD, Tidd AR, Day TA, **Gillespie MB**, Hoffman BJ, Wallace M. Use of transesophageal endoscopic ultrasound in the diagnosis and staging of head and neck and mediastinal neoplasms. The Southern Section Meeting of the Triological Society, Captiva Island, FL, January 12, 2002.
69. **Gillespie MB**. Obstructive sleep apnea: Do demographics make a difference? South Carolina and North Carolina Otolaryngology- Head & Neck Surgery Assembly, Myrtle Beach, South Carolina, July 27th, 2001.
70. **Gillespie MB**, Chee N, Francis HW, Eisele DW. Prognosis in squamous cell carcinoma of the temporal bone. 5th International Conference on Head and Neck Cancer, San Francisco, CA, July 31, 2000.
71. **Gillespie MB**, Huchton DM, O'Malley BW. The role of middle turbinate biopsy in the diagnosis of fulminant invasive fungal rhinosinusitis. Triological Society, Orlando, FL, May 16, 2000.

72. **Gillespie MB**, Ambro BK, Williams MF, Eisele DW. Obstructive sleep apnea in amyloid-related macroglossia. Southern Section Meeting of the Triological Society, St. Petersburg Beach, FL, January 14, 2000.
73. **Gillespie MB**, Eisele DW. The uvulopalatal flap for reconstruction of the soft palate. Southern Section Meeting of the Triological Society, St. Petersburg Beach, FL, January 14, 2000.
74. **Gillespie MB**, Eisele DW. The emergency surgical airway: complications and outcomes. Triological Society, Palm Desert, CA, April 28, 1999. Published in *Audio-Digest Otolaryngology*, Vol. 32, Issue 19, October 7, 1999.
75. **Gillespie MB**, Minor LB. Prognosis in bilateral vestibular hypofunction. Southern Section Meeting of the Triological Society, Orlando, FL, January 17, 1998.
76. **Gillespie MB**, O'Malley BW, Francis HW. New concepts in invasive fungal sinusitis. 101st Annual Meeting of the American Academy of Otolaryngology- Head & Neck Surgery, San Francisco, CA, September 9, 1997.
77. Doucet JR, Ross AT, **Gillespie MB**, Ryugo DK. A structural correlate for the physiologically defined "broadband inhibitor" in the dorsal cochlear nucleus. Midwinter meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, February 1-6, 1997.
78. Doucet JR, **Gillespie MB**, Ryugo DK. Ventral cochlear nucleus projections to the dorsal cochlear nucleus in the rat. Midwinter meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, February 4-8, 1996.
79. Rowley AR, Schwartz AR, **Gillespie MB**, Willey SJ, Smith PL. The effect of tongue and tracheal tension on airway collapsibility. Annual Meeting of the American Thoracic Society, Boston, MA, May 22-25, 1994.

Invited Lectures and Courses

- "HPV in Men." SC Cancer Registrars Association Annual Meeting, Myrtle Beach, SC, September 18th, 2008.
- "HPV and Head and Neck Cancer: What Every Otolaryngologist Should Know." NC/SC Society of Otolaryngology Annual meeting, Pinehurst, NC, July 19th, 2008.
- "HPV and Head and Neck Cancer: What Every Otolaryngologist Should Know." Charleston Magnolia Conference, Charleston, SC, May 30, 2008.
- "Pharyngectomy." MUSC Department of Radiology Grand Rounds, January 11th, 2008.
- "Tracheotomy: One Surgeon's Perspective." MUSC General Surgery Grand Rounds, December 4th, 2007.
- "Surgical Management of Swallowing Disorder." The SC/NC Societies of Otolaryngology- Head & Neck Surgery, July 21st, 2007.
- "Sentinel Node Biopsy for Head and Neck Melanoma." The SC/NC Societies of Otolaryngology- Head & Neck Surgery, July 21st, 2007.
- "Surgical Management of Swallowing Disorders." 7th Annual Charleston Magnolia Conference, June 2nd, 2007.
- "The Pillar Procedure for Sleep-Disordered Breathing- Indications and Outcomes." 6th Annual Charleston Magnolia Conference, June 2nd, 2006, Charleston, SC.

- “Association of cyclooxygenase use with head and neck cancer recurrence and mortality.” SC Cancer Chemoprevention Seminar: The Science Driving the Latest Cancer Chemoprevention Strategies. The Citadel, Charleston, SC, March 17th, 2006.
- “Dysphagia and Quality of Life in the Head and Neck Patient.” 14th Annual Dysphagia Research Society Meeting, Scottsdale, AZ, March 25th, 2006.
- “The Pillar Procedure for Sleep-Disordered Breathing: Indications and Outcomes.” Johns Hopkins Dept. of OLHNS Grand Rounds, February 27th, 2006.
- “Management of the Neck in Thyroid Cancer.” MUSC Endocrinology Grand Rounds, November 10th, 2005.
- “The Treatment of Cervical Esophageal Stenosis- The ENT Perspective.” The Charleston Swallowing Conference, Charleston, SC, October 8th, 2005.
- “Endolaryngeal Surgery for Larynx Cancer.” SC/NC Society of Otolaryngology Annual Meeting, Charleston, SC, July 23, 2005.
- “Home versus Laboratory Sleep Studies: A Meta-Analysis.” The Charleston Magnolia Conference, Charleston, SC, June 4, 2005.
- “Advanced Tracheotomy Care.” Oncology Clinical Services Clinical Council, Charleston, SC, April 27th, 2005.
- “Thyroid-related Swallowing and Voice Disorders.” MUSC Endocrinology Grand Rounds, February 10th, 2005.
- “Challenging Case Conference- Head & Neck.” AAO-HNSF Challenging Case Conference Series, San Juan, PR, November 4th, 2004.
- “Swallowing-Related Quality of Life After Head and Neck Cancer Treatment.” 19th Annual F. Johnson Putney Lectureship in Head & Neck Cancer Seminar, Charleston, SC, October, 2nd, 2004.
- “Radiofrequency for OSA: An Evidence-Based Review.” NC/SC Society of Otolaryngology Annual Meeting, Asheville, NC, July 31, 2004.
- “Sentinel Node Biopsy: Indications and Techniques.” 4th Annual Charleston Magnolia Conference, Charleston, SC, June 5, 2004.
- “Immune Stimulatory Effects of Local Vitamin D Administration.” Hollings/MUSC Head & Neck Multidisciplinary Research Workshop, April 22, 2004.
- “Evidence-based Otolaryngology.” Daiichi/ MUSC Journal Club Lecture Series, Greenville, SC, March 3, 2004.
- “Transtracheal Oxygen: A Viable Option”. The MUSC Respiratory Therapy Course, Medical University of South Carolina, January 30, 2004.
- "Diagnosis and Evaluation of Head and Neck Cancer". Primary Care CME Conference, Ralph H. Johnson VA Medical Center, December 2, 2003.
- "PET Scanning for Head and Neck Cancer". Daiichi/ MUSC Journal Club Lecture Series, Columbia, SC, November 18, 2003.
- "Swallowing Outcomes After Advanced Head and Neck Cancer". The Charles W. Cummings Research Symposium, Johns Hopkins University School of Medicine, Baltimore, MD, October 11, 2003.
- "Swallowing Outcomes After Advanced Head and Neck Cancer". 18th Annual F. Johnson Putney Lecture, October 4, 2003, Charleston, SC.
- "Septoplasty and Turbinate Surgery". Charleston Sinus Course, September 6, 2003.
- “Radiofrequency for Sleep Disordered Breathing: A Critical Review”. 3rd Annual Charleston Magnolia Conference, Charleston, SC, May 31, 2003.

- "Swallowing Outcomes After Treatment of Advanced Head & Neck Cancer". Daiichi Clinical Scholars Program, Annual Meeting of the AAO-HNSF, San Diego, CA, September 23, 2002.
- "Cervical Dysphagia: A Head & Neck Surgeon's Perspective". Georgia Society of Otolaryngology- Head and Neck Surgery Annual Summer Meeting, Destin, FL, July 19, 2002.
- "A User Friendly Approach to Vocal Cord Paralysis". Georgia Society of Otolaryngology- Head and Neck Surgery Annual Summer Meeting, Destin, FL, July 20, 2002.
- "Sleep-Disordered Breathing in End-Stage Renal Disease". Clinical Nephrology Meetings 2002, National Kidney Foundation, Chicago, IL, April 20, 2002.
- "Percutaneous Tracheotomy: Is It Safe". 2nd Annual Charleston Magnolia Conference, Charleston, SC, June 1, 2002.
- "New Concepts in Invasive Fungal Sinusitis". Maryland Society of Otolaryngology Spring Meeting, Baltimore, MD, March 11, 1997.
- "Prognosis in Bilateral Vestibular Hypofunction". Maryland Society of Otolaryngology Spring Meeting, Baltimore, MD, April 21, 1998.
- "Outcomes of Emergency Surgical Airway Procedures in a Hospital-wide Setting". Maryland Society of Otolaryngology Spring Meeting, Baltimore, MD, April 22, 1999.
- Instructor, Smith & Nephew Medialization Thyroplasty Course Memphis, TN, August 7-8, 1999.
- Cummings CW, Gillespie MB. "Neuromuscular Disorders of the Larynx". Sociedad Espanola de Otorhinolaringologia, Madrid, Spain, October 26, 1999.
- "Dysphagia: A Head & Neck Surgeon's Perspective". MUSC Digestive Disease Center Grand Rounds, January 19, 2001.
- Course Director, Smith & Nephew/ MUSC Laryngology Course, Charleston, SC, February 10, 2001.
- "Invasive Fungal Rhinosinusitis: An Update". 1st Annual Charleston Magnolia Conference, Charleston, SC, May 31, 2001.
- "ENT Update". The Intensive Review of Family Medicine, Kiawah Island, SC, June 7, 2001.
- "The History of the Johns Hopkins Department of Otolaryngology: The First 50 Years". Johns Hopkins Biennial Meeting, Baltimore, MD, June 9, 2001.

Panel Discussions

- Diagnosis of Sleep Apnea. Evidenced-based management of sleep apnea in 2007: Where we are now, and where we need to go. Mini-seminar, AAO-HNSF, Annual Meeting, Washington, DC, September 17th, 2007.
- Moderator, Research Forum, Session B: Head & Neck Surgery and Oncology. Annual Meeting of the American Academy of Otolaryngology- Head and Neck Surgery, New York, NY, September 21, 2004.
- Successes and Challenges with the Prevention, Diagnosis and Treatment of Swallowing Disorders Related to Oropharyngeal Cancer and Tracheotomy and Ventilator Dependency. Charleston Swallowing Conference, January 31, 2004, Charleston, SC.

- Moderator, Research Forum, Session C: Rhinology, Laryngology, and Upper Aerodigestive Tract. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Orlando, FL, September 23, 2003.
- Instrumental Evaluation of Dysphagia. 12th Annual Meeting of the Dysphagia Research Society, San Francisco, CA, October 4, 2003.
- Roundtable Discussion on Sleep Disorders. Georgia Society of Otolaryngology-Head and Neck Surgery Annual Summer Meeting, Destin, FL, July 21, 2002.
- Moderator, Scientific Session: Sinus/ General Otolaryngology, 2nd Annual Charleston Magnolia Conference, Charleston, SC, May 31, 2002.

GRANTS AND SPONSORED RESEARCH

Role: Principal Investigator

Randomized Placebo-Controlled Study of the Pillar® Palatal Implant System with CPAP. Restore Medical, Inc., \$80,100 (6.5% effort), May 2007 through May 2008.

A Phase 2, Open-Label Trial of the Safety and Biological Effect of Pre-Operative Per-Lymphatic Ultra-Low Dose IRX-2 in Patients with Resectable Cancer of the Head and Neck, Quintiles Pacific, Inc., \$50,960 (2% effort).

Pillar Implant System Additional Implant Study. Restore Medical, March 2006-December 2006, \$50,200 (2% effort).

Metastasis-associated proteins in oral and head and neck cancer. SC Dental COBRE, NIDCR, 11/1/04- 10/31/06, \$207,111 (30% Effort).

A phase II randomized trial of surgery followed by chemotherapy plus C225 (Cetuximab) for advanced squamous cell carcinoma of the head and neck. Bristol-Myers Squibb, 3/1/05-2/28/06.

A Randomized Trial Comparing Preservation of Function Status After Either Medpulsar Electroporation with Intratumoral Bleomycin Therapy or Surgery in Patients with Locally Recurrent or Second Primary Squamous Cell Carcinoma of the Oral Cavity, Oropharynx, Hypopharynx, or Larynx. Genetronics, 1/1/05-12/31/08, \$206,502.

A Double-Blind, Randomized, Vehicle-Controlled Study Comparing Efficacy of Benzylamine Hydrochloride 0.15% Oral Rinse with Separate Open-Label Standard of Care Arm in Subjects with Radiation-Induced Oral Mucositis, McNeil, 1/1/03-12/31/04.

Tracheostomy-related quality of life with the Speak-EZ tracheotomy tube. Technical Products of Georgia, 3/1/04-3/1/05, \$4618.75 (0.5% effort).

Evaluation of pharyngeal and laryngeal lesions with computer-assisted analysis of brush biopsy specimens. CDx, 9/1/02-8/31/03 (1% effort).

Efficacy of Seprapak Sinus Dressing versus No Dressing in the Prevention of Intranasal Adhesions Following Sinus Surgery. Gyrus-ENT, 1/1/03-12/31/03, \$13,500 (0.5% effort).

Swallowing Outcomes After Head and Neck Cancer Treatment. Triological Society Research Training Grant, 9/1/02-8/30/03, 25,000 (5% effort).

Efficacy and Safety of 200 mcg or 400 mcg of Mometasone Furoate Nasal Spray (MFNS) or Placebo in the Treatment of Nasal Polyps in Subjects 18 years of Age or Older. Schering-Plough Research Institute, 1/1/01-12/31/01, \$4000.

Open Label Phase I Dose Escalation Study of Intralesional Injection of Tetra-O-Methyl Nordihydroguaiaretic Acid (M4N) in Patients with Refractory Malignant Tumors of the Head and Neck. Biocure Pharmaceuticals, 12/3/02-12/3/03, \$203,194 (2% effort).

Role: Co-Investigator

Defining and Interrupting the Pathways That Lead to HNSCC Invasiveness, U.S. Department of Veterans Affairs Biomedical Lab R&D Merit Review, 4/1/2007-3/31/2011 (5% effort; PI- MRI Young, PhD.)

Vitamin D Differentiation-Inducing Therapy to Enhance Intratumoral Anti-tumor Immune Reactivity. Clinical Sciences Research Service, Department of Veterans Affairs, Washington, D.C. October 2004-September 2009, (PI- MRI Young, Ph.D.)

A Trial of Lymphatic Mapping and Sentinel Node Lymphadenectomy for Patients with T1 or T2 Clinically N0 Oral Cavity Squamous Cell Carcinoma. American College of Surgeons Oncology Group. September 2003-present, (PI – Terry A. Day, MD).

Evaluation of Biomarkers in Head and Neck Squamous Cell Carcinoma Using Laser Capture Microdissection. Department of Defense Research Training Grant, January 2003-present (PI – Terry A. Day, MD).

Role: Collaborator

Immunotherapy to prevent oral premalignant lesion recurrence and oral cancer. CTSA Pilot Project Award, 2007, \$50,000 (PI- Rita Young, PhD.)

OUTSIDE INTERESTS:

- Davidson Alumni Admissions Program Representative
- *The David J. Blalock Memorial Lecture*, Founder and Sustainer, Davidson College
- Writing, reading history
- Travel, golf, tennis
- First (Scots) Presbyterian Church- Sunday school teacher, local missions committee, usher, deacon.