

Calhoun D. Cunningham III, M.D.

CURRICULUM VITAE

Personal

Business Carolina Ear and Hearing Clinic, P.C.
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Education

High School 1983-1987 Coastal Academy
Myrtle Beach, SC

College 1987-1991 Bachelor of Arts in Chemistry
The Citadel
Charleston, SC

Medical School 1992-1996 Doctor of Medicine
Medical University of South Carolina
Charleston, SC

Internship 1996-1997 General Surgery
Medical University of South Carolina
Charleston, SC

Residency 1997-2002 Otolaryngology – Head & Neck Surgery
Medical University of South Carolina
Charleston, SC

Fellowship 2002-2004 Otology / Neurotology
House Ear Clinic and House Ear Institute
Los Angeles, CA

Professional Certification

<i>Licensure</i>	North Carolina Medical Board	2004-Present
	South Carolina Board of Medical Examiners	1997-Present
	Medical Board of California	2002-Present
<i>Certification</i>	National Board of Medical Examiners	Part I - June 1994 Part II - March 1996 Part III - March 1997
	American Board of Otolaryngology	May 19 th , 2003
	Neurotology Board Certification	June 1 st , 2005

Professional Background

2006 – Present	Associate, Carolina Ear & Hearing Clinic Raleigh, NC
2006 - Present	Co- Director, Carolina Ear Research Institute Raleigh, NC
2004 - 2006	Staff Physician, Carolina Ear & Hearing Clinic Raleigh, NC

Academic Appointments

2005 - Present	Assistant Consulting Professor of Surgery Division of Otolaryngology-Head & Neck Surgery Duke University Medical Center, Durham, NC
2002 - 2004	Volunteer Attending Physician Department of Otolaryngology-Head and Neck Surgery USC/ LA County Medical Center, Los Angeles, CA

Hospital Appointments

2004 - Present	Duke Health Raleigh Hospital Rex Healthcare Hospital WakeMed Raleigh Campus WakeMed North Healthplex
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Committee Appointments

2008 – Present AAO-HNS History and Archives Committee

Journal Reviewer

2005-Present Laryngoscope

Professional Society Memberships

Acoustic Neuroma Association

American Neurotology Society

American Academy of Otolaryngology-Head & Neck Surgery

Association for Research in Otolaryngology

American Medical Association

House Ear Institute Alumni Fellowship Group

North Carolina Society of Otolaryngology- Head & Neck Surgery

Vestibular Disorders Association

Research Experience

1991-1992 Medical University of South Carolina,
Department of Psychiatry and Behavioral Sciences
Research training in histology and radioimmunoassay techniques
Director: Carrie L. Randall, Ph.D.

1997-1998 Medical University of South Carolina,
Department of Otolaryngology – Head & Neck Surgery
Research training in histology, immunohistochemistry, and electron microscopy
Directors: Peter C. Weber, M.D., Bradley A. Schulte, Ph.D.,
Samuel S. Spicer, M.D., Ph.D.

Honors and Awards

Daiichi Clinical Scholar in Evidenced Based Research, 2005.

Travel Award, Annual Meeting of the American Academy of Otolaryngology-Head & Neck Surgery. San Diego, CA, September 2003.

Travel Award, Southern Section Meeting of the Triologic Society, Captiva Island, FL, January 2002.

First Place Resident Research Award, North Carolina/South Carolina Society of Otolaryngology – Head & Neck Surgery, Asheville, NC, July 2000.

TAP Pharmaceutical Resident Research Award, 15th Annual Putney Lectureship, MUSC, Department of Otolaryngology, Charleston, SC, June 2000.

Vice-President of Senior Class, Medical University of South Carolina 1995-1996

The Round Table , The Citadel, 1989-1991

Knox Chemical Society, The Citadel, 1987-1991

Eagle Scout, Boy Scouts of America

Teaching Activities

Instructor, Temporal Bone Dissection Course, House Ear Clinic, Los Angeles, CA, 2002-2004.

Instructor, Resident Temporal Bone Dissection Course, Duke University, Durham, NC, 2004-2007.

Instructor, Implantable Hearing Devices in Otologic Surgery, Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, March 2004.

Instructor, Legends in Otology Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, October 2005.

Instructor, New Developments in Eustachian Tube Management and Bone Cements in Otologic Surgery, Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, November 2006.

Instructor, Chronic Ear Disease: Tympanoplasty and Mastoidectomy Techniques, Stryker Resident Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, October 2007.

Instructor, Innovations in Chronic Ear Surgery, Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, October 2007.

Invited Speaker/ Guest Lecturer

International

Surgical Management of Menieres Disease. Berlin Otorhinolaryngology Temporal Bone Dissection Course, Friedrichshain Hospital, Berlin Germany, 2006.

Translabyrinthine Approach to the Internal Auditory Canal. Berlin Otorhinolaryngology Temporal Bone Dissection Course, Friedrichshain Hospital, Berlin Germany, 2007.

Tympanoplasty Techniques. Berlin Otorhinolaryngology Temporal Bone Dissection Course, Friedrichshain Hospital, Berlin Germany, 2008.

National and State

Medial and Lateral Graft Tympanoplasty. Temporal Bone Dissection Course, Carolina Ear Research Institute, Raleigh, NC, 2004.

Variations in Stapedectomy Techniques, Department of Otolaryngology, Wake Forest University School of Medicine, 2006.

Transmastoid Approach to Cerebellopontine Angle. Annual Duke Neurosurgery Temporal Bone Dissection Course. Carolina Ear Research Institute, Raleigh, NC, June 2007.

Presentations

1. Cunningham CD, Weber PC, Spicer SS, Schulte BA. Novel membranous structures with potential for ion transport and synaptic vesicle genesis in vestibular hair cells. Poster presentation, ARO Mid-Winter Meeting, St. Petersburg, FL, February 1999.
2. Cunningham CD, Weber PC, Cure J. Neurotologic complications associated with the deployment of airbags. Poster Presentation, AAO-HNS Annual Meeting, New Orleans, LA, September 1999.

Presentations continued

3. Cunningham CD, Weber PC. Necessity for audiometric studies prior to adult myringotomy and tube placement. Poster Presentation, AAO-HNS Annual Meeting, New Orleans, LA, September 1999.
4. Cunningham CD, Schulte BA, Bianchi LM, Weber PC, Schmiedt BN. Early fixation and microwave decalcification of human temporal bones. Oral Presentation, NC/SC Annual Meeting of Otolaryngology-Head & Neck Surgery, Asheville, NC, July 2000.
5. Cunningham CD, Halstead LA, Richardson MS. Fungal infections of the larynx in immunocompromised patients: Three unusual presentations. Oral Presentation, 2000 Voice Symposium, Philadelphia, PA, June 2000.
6. Cunningham CD, Horney MJ, Day TA, Warren TB, Richardson MS, Brown EA. Atypical mycobacterial infection of the larynx. Poster Presentation, Southern Section Meeting of the Triologic Society, Marco Island, FL, January, 2001.
7. Cunningham CD, Schulte BA. Immunohistochemical localization of connexin 26 in the human inner ear. Poster Presentation, ARO Mid-Winter Meeting, St. Petersburg, FL, February, 2001.
8. Cunningham CD, Weber PC, Lambert PR. Use of ALLODERMTM in the neurotologic setting. Oral Presentation. American Neurotology Society Spring Meeting, Desert Springs, CA, May, 2001.
9. Cunningham CD, Weber PC, Moretz, WH. Spontaneous resolution of pediatric glomus tympanicum. Poster Presentation. AAO-HNS Annual Meeting, Denver, CO, September, 2001.
10. Cunningham CD, Tidd A, Day TA, Hoffman BJ, Wallace M, Gillespie BM. Use of transesophageal ultrasound in the diagnosis and staging of head and neck and mediastinal neoplasms. Oral presentation, Southern Section Meeting of the Triologic Society, Captiva Island, FL, January, 2002.
11. Cunningham CD, Slattery WH, Luxford WM. Postoperative infection in cochlear implant patients. Oral Presentation. AAO-HNS Annual Meeting, Orlando, FL, September 2003.
12. Cunningham CD, Friedman MD, Brackmann DE, et al. Neurotologic skull base surgery in pediatric patients. Oral Presentation. American Neurotology Society Spring Meeting, Phoenix, AZ, April, 2004
13. McElveen JT, Yoshida N, Cunningham CD. Posterior canal wall viability and hearing results following reversible canal wall down mastoidectomy. Annual Meeting of the Triologic Society, Boca Raton, FL, April, 2005.

Presentations continued

14. Cunningham CD, McElveen JT, Fukushima T. Facial nerve outcomes in the management of large acoustic neuromas. NC/SC Annual Meeting of Otolaryngology-Head & Neck Surgery, Myrtle Beach, SC, July 2007.
15. McElveen JT, Cunningham CD, Fukushima T. Surgical Management of Hemifacial Spasm. NC/SC Annual Meeting of Otolaryngology-Head & Neck Surgery, Pinehurst, NC, July 2008.

Publications

1. Cunningham CD, Weber PC, Spicer SS, Schulte BA. Canalicular reticulum in vestibular hair cells. *Hearing Res* 2000; 143:69-82.
2. Cunningham CD, Weber PC, Cure J. Neurotologic complications associated with the deployment of airbags. *Otolaryngol Head Neck Surg* 2000; 123(5):637-39.
3. Cunningham CD, Schulte BA, Bianchi LM, Weber PC, Schmiedt BN. Microwave decalcification of human temporal bones. *Laryngoscope* 2001; 111(2):278-282.
4. Weber PC, Cunningham CD, Schulte BA. Potassium recycling pathways in the human inner ear. *Laryngoscope* 2001; 111(7):1156-1165.
5. Weber PC, Lambert PR, Cunningham CD, Richardson MS, Genao RB. Use of ALLODERM™ in the neurotologic setting. *Amer J Otol* 2002; 23(3):148-52
6. Wildi SM, Fickling WE, Day TA, Cunningham CD, Schmulewitz N, Varadarajulu S, Roberts SS, Ferguson B, Hoffman BJ, Hawes RH, Wallace MB. Endoscopic ultrasonography in the diagnosis and staging of neoplasms of the head and neck. *Endoscopy* 2004; 36(7):624-30.
7. Cunningham CD, Slattery WH, Luxford WM. Postoperative infection in cochlear implant patients. *Otolaryngol Head Neck Surg* 2004; 131:109-14.
8. Cunningham CD, Friedman MD, Brackmann DE, et al. Neurotologic skull base surgery in pediatric patients. *Otol Neurotol* 2005; 26(2):231-36.
9. Yoshida N, Cunningham CD 3rd, McElveen JT Jr. External auditory canal closure: An alternative management for the refractory chronically draining ear. *Otolaryngol Head Neck Surg.* 2007; 137(5):766-71.
10. McElveen JT, Yoshida N, Cunningham CD. Posterior canal wall viability and hearing results following reversible canal wall down mastoidectomy. Submitted. *Otolaryngol Head Neck Surg* 2007.

Book Chapters

Cunningham CD, Friedman RA: Tinnitus. In *Conn's Current Therapy*. Rakel RE, Bope ET (eds.). W. B. Saunders Company, 2004.

House JW, Cunningham CD: Otosclerosis. In *Otolaryngology-Head & Neck Surgery 4th Ed.* Cummings CW, Fredrickson JM, Krause CJ, Harker LA, Schuller DE, Richardson MA (eds.). Mosby-Year Book, 2004.

McElveen JT, Cunningham CD: Ossicular Chain Reconstruction. In *Otologic Surgery 3rd Ed.* Brackmann DE, Shelton C, and Arriaga MA (eds.) Saunders, 2001.

Public Service

Camp Woodbine Day Camp for Hearing Impaired Children 2007

Annual Yul Brynner Head and Neck Cancer Screening 2000

Interfaith Crisis Shelter 1993-1995

MUSC Gives Back 1992-1995

Wesely United Methodist Health Fair 1995

Hurricane Hugo Relief Service 1988