

Curriculum Vitae

PERSONAL DATA

Name: **Brandon G. Bentz**
Birthplace: Nürnberg, Germany
Citizenship: United States of America
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BUSINESS ADDRESS

1834 Slavin Rd.
Yakima, WA
98903

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u> <u>City, State, Country</u>
1982-87	B.S.	University of Pittsburgh (Behavioral Neuroscience and Psychology), Pittsburgh, PA, U.S.A.
1989-1993	M.D.	University of Pittsburgh School of Medicine, Pittsburgh, PA, U.S.A.

BOARD CERTIFICATIONS

5/7/01 American Board of Otolaryngology-Head & Neck Surgery

CURRENT LICENSES/CERTIFICATIONS

2019-Present Washington

ACADEMIC HISTORY

Department (Division), Institution

July 1, 1993-June 30, 1994, Intern, Department of Surgery, Northwestern University Medical Center, Chicago, IL

July 1, 1994-June 30, 1996, Research Fellowship, Department of Otolaryngology-Head and Neck Surgery, Northwestern University Medical Center, Chicago, IL

June 1, 1996-June 30, 2000, Resident, Department of Otolaryngology-Head and Neck Surgery, Northwestern University Medical Center, Chicago, IL

July 1, 2000- December 31, 2001, Research Associate, Department of Pharmacology, Weill Medical College of Cornell University

January 1, 2002-December 31, 2002, Fellow, Department of Surgery, Head & Neck Surgery Service, Memorial Sloan-Kettering Cancer Center, New York, NY

PROFESSIONAL EXPERIENCE

Full-time positions

1/15/03-6/31/10, Assistant Professor, Department of Surgery, Division of Otolaryngology-Head & Neck Surgery, University of Utah School of Medicine, Salt Lake City, UT, U.S.A.

7/1/10-Present, Associate Professor, Tenure, Department of Surgery, Division of Otolaryngology-Head & Neck Surgery, University of Utah School of Medicine, Salt Lake City, UT, U.S.A.

4/1/13-3/1/2019, Medical Director of Otolaryngology-Head & Neck Surgery, Rideout Medical Associates, Yuba City, CA, U.S.A.

4/1/2019-Present, Yakima ENT Associates, Yakima Valley Memorial Hospital, Yakima, WA, 98902

Part-time positions

1/15/03-3/1/13, Staff Physician, Department of Surgery, Division of Otolaryngology-Head & Neck Surgery, George E. Wahlen Veterans Administration Hospital, Salt Lake City, UT, U.S.A.

3/1/10-3/1/13, Chief, Division of Otolaryngology-Head & Neck Surgery, George E. Wahlen Veterans Administration Hospital, Salt Lake City, UT, U.S.A.

Editorial Experience

Reviewer for Otolaryngology-Head and Neck Surgery
Reviewer for Laryngoscope
Reviewer for Head & Neck
Reviewer for Cytojournal
Reviewer for Journal of Surgical Oncology
Reviewer for the Annals of Surgical Oncology
Editorial Board for Otolaryngology-Head & Neck Surgery

SCHOLASTIC HONORS

Magna Cum Laude, University of Pittsburgh
University of Pittsburgh School of Medicine 1990, 1991 Student Summer Research Grants
I. Aurthur Mirsky Memorial Award for Research
First place in the Pennsylvania Chapter of the American College of Surgeons Committee on Trauma, Resident Research Competition
The American Federation for Clinical Research and the Central Society for Clinical Research, 1995 Midwest Trainee Investigator Award
Recipient of NIH travel award to the Fourth International Meeting on the Biology of Nitric Oxide, Amelia Island, Florida, September 17-21, 1995.
Biomedicine '96: Medical Research from Bench to Bedside, 1996 Trainee Investigator Award.
American Federation for Medical Research Trainee Travel Award March 10, 2001
American Federation for Medical Research 2001 Henry Christian Award March 10, 2001

American Head and Neck Society Trainee Award, October 13, 2002.

National Institute of Health (NIH) Clinical Research Loan Repayment Program, 7/1/03-6/30/05

Listed in the 2003, 2004, 2010 "Guide to America's Top Physicians"

Recognized by the American Academy of Otolaryngology-Head & Neck Surgery Foundation for exceptional service to the society, September 26, 2010

Recognized as an "Outstanding Reviewer" by the Otolaryngology-Head & Neck Surgery journal, 9/27/10, 9/11/11.

I. ADMINISTRATIVE EXPERIENCE

1. Division of Otolaryngology-Head & Neck Surgery Research Committee
2. Division of Otolaryngology-Head & Neck Surgery Recruiting Committee
3. Interim Director of Research, Division of Otolaryngology-Head & Neck Surgery
4. American College of Surgeons, Local Committee on Applicants, 2006-Present
5. American Head & Neck Society, Constitution and By-Laws Committee, 2007-2010
6. American Head & Neck Society, Publications Committee, 2009-2010
7. American Academy of Otolaryngology Foundation, Head and Neck Surgery & Oncology Committee, American Head and Neck Society Representative, 2009-2011
8. Editorial Board, Otolaryngology-Head & Neck Surgery Journal, 2011-2013
9. Medical Director of Otolaryngology-Head & Neck Surgery, Rideout Medical Associates, 2013-Present
10. Member of the Research and Education Committee, Rideout Medical Associates, 2013-2015
11. Cancer Liason Physician (CLP), Rideout Cancer Center, 2015-2019
12. Chief of Head & Neck Surgery, Yakima Valley Memorial Hospital, 2019-Present

II. PROFESSIONAL COMMUNITY ACTIVITIES

1. Clinical Course Moderator, *Sarcomas of the Head and Neck*, August 17, 2006. American Head & Neck Society 2006 Annual Meeting & Research Workshop on the Biology, Prevention, and Treatment of Head and Neck Cancer, Chicago, IL. (Course Cancelled).
2. American Academy of Otolaryngology-Head & Neck Surgery CORE Grant Application Reviewer
3. Mountain States Regional Director of the Oral, Head & Neck Cancer Awareness Week 2008-2011
4. Leadership Development for Health Care Executives course, 2010.
5. President of the Board, Utah Head & Neck Cancer Foundation, 2011.
6. Cancer Liason Physician-Rideout Cancer Committee, Present.
7. Physician of the Year, Rideout Medical Foundation-2015.

III. UNIVERSITY COMMUNITY ACTIVITIES

Alumni Mentor Program, 2003-2013

ACTIVE MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Academy of Otolaryngology-Head & Neck Surgery Foundation
Fellow of the American College of Surgeons

FUNDING

Active Grants

Last Updated: 1/4/23

None

Pending Grants

None

Past Grants

7/1/94-6/30/96,	NIH Research Training Grant in Neuroscience #T32-DC00015-13, 14 Direct Costs: \$ N/A Total Costs: \$ N/A NIH Role: <u>Trainee</u>
4/1/97-3/30/98	“Inducible Nitric Oxide Synthase in Head and Neck Squamous Cell Carcinoma” Direct Costs: \$ 20,000 Total Costs: \$ 20,000 Northwestern University Faculty Foundation Intramural Research Grant Role: <u>Principal Investigator</u>
7/1/00-12/30/01	NCI Research Training Grant #T32-CA0968 Direct Costs: \$ N/A Total Costs: \$ N/A NIH Role: <u>Trainee</u>
7/1/01-6/30/02	Nitric Oxide and Tumor Cell Migration Direct Costs: \$ 35,000 Total Costs: \$ 35,000 American Society of Clinical Oncology Young Investigator Award Role: <u>Principal Investigator</u>
7/1/01-6/30/02	The Role of Nitric Oxide in Tumor Cell Migrational Morphology Direct Costs: \$ 10,000 Total Costs: \$ 10,000 Triological Society Research Training Grant Role: <u>Principal Investigator</u>
7/1/08-6/30/09	Oxidation of Carotenoids and Cancer Risk Direct Costs: \$ 116,428 Total Costs: \$ 145,636 Else U. Pardee Foundation Role: <u>Principal Investigator</u>
7/1/08-6/30/10	Non-Retinoid Metabolite's of beta-Carotene and p53 in Head and Neck Cancer Direct Costs: \$ 39,095 Total Costs: \$ 39,095 AHNS/AAO-HNSF Young Investigator Combined Award Role: <u>Principal Investigator</u>

Active Contracts

None

Pending Contracts

None

Past Contracts

None

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

“Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 18th-20th, 2010.
“Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 8th-10th, 2012.

Courses Directed

“Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 18th-20th, 2010.
“Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 8th-10th, 2012.

Course Lectures

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| 2006-2013 | “Case Studies in Head and Neck Oncology”
Intensive Interactive Head & Neck Imaging Conference
Department of Radiology, University of Utah
Taught once every other year, Community Radiologists and Radiology Residents
Approximately 100 attendees |
| 2007-2008 | “Well Differentiated Thyroid Cancer: Fitting the Punishment to the Crime”
Ultimate Colorado Mid-winter Meeting
Department of Otolaryngology-HNS, University of Colorado
Taught once annually, Community Otolaryngologists and Otolaryngology Residents
Approximately 40 attendees |
| 8/19/2010 | “The Status of Chemoprevention in Upper Aerodigestive Tract Malignancies” “Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 18 th -20 th , 2010, Approximately 50 attendees |
| 8/19/2010 | “Early Detection and Prevention: The Crucial Role of the Dental Professional”, “Head & Neck Oncology Summit”, The Canyons Grand Summit Hotel, August 18 th -20 th , 2010. Approximately 50 attendees |
| 10/21/2011 | Panel: Neck Dissection: When To Do It, The Head and Neck Oncology Sea to Summit Conference, The Wild Dunes, Charleston, SC, October 20 th -22 nd , 2011, Approximately 50 attendees |
| 10/21/2011 | “Sizing up the Elephant: How Thyroid Cancer can Enrich a Patient's Life.”, The Head and Neck Oncology Sea to Summit Conference, The Wild Dunes, Charleston, SC, October 20 th -22 nd , 2011, Approximately 50 attendees |

Clinical Teaching

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| 2003-Present | “Introduction to Head & Neck Oncology”
Department of Surgery/Division of Otolaryngology-HNS |
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	Taught once annually, Otolaryngology Residents Approximately 15 residents taught
2003-2013	“Early Laryngeal Cancer” Department of Surgery/Division of Otolaryngology-HNS Taught three times during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2003-Present	“Chemoprevention in Head & Neck Cancer” Department of Surgery/Division of Otolaryngology-HNS Taught twice during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2003-Present	“Regional Flaps for Head & Neck Cancer” Department of Surgery/Division of Otolaryngology-HNS Taught three times during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2004-Present	“Management of Hypopharyngeal Cancer” Department of Surgery/Division of Otolaryngology-HNS Taught every other year, Otolaryngology Residents Approximately 15 residents taught
2004-Present	Pathology Review Department of Surgery/Division of Otolaryngology-HNS Taught approximately three times annually, Otolaryngology Residents Approximately 15 residents taught
2005-Present	“Management of Oropharyngeal Cancers” Department of Surgery/Division of Otolaryngology-HNS Taught twice during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2005-Present	“Molecular Biology of Head & Neck Cancer” Department of Surgery/Division of Otolaryngology-HNS Taught twice during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2005-Present	Bailey’s Chapter Review Department of Surgery/Division of Otolaryngology-HNS Taught approximately three times annually, Otolaryngology Residents Approximately 15 residents taught
2006-Present	“Oral Cavity Cancers and Management of the Mandible” Department of Surgery/Division of Otolaryngology-HNS Taught twice during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2006-Present	“Thyroid Malignancies” Department of Surgery/Division of Otolaryngology-HNS Taught twice during faculty tenure, Otolaryngology Residents

	Approximately 15 residents taught
2004-2006	“Basics of Basic Science” Department of Surgery/Division of Otolaryngology-HNS Taught four times during faculty tenure, Otolaryngology Residents Approximately 15 residents taught
2006	“Tutorials in Clinical Research” Department of Surgery/Division of Otolaryngology-HNS Taught three different topics within the years, Otolaryngology Residents Approximately 15 residents taught
3/01/06	“Head and Neck Burns” Otolaryngology Grand Rounds Department of Surgery/Division of Otolaryngology-HNS Taught once, Otolaryngology Residents Approximately 15 residents taught
4/26/06	“Non-neoplastic Thyroid Disorders” Department of Surgery/Division of Otolaryngology-HNS Taught once, Otolaryngology Residents Approximately 15 residents taught
4/28/06	“Management of the Unknown Primary” Department of Surgery/Division of Otolaryngology-HNS Taught once, Otolaryngology Residents Approximately 15 residents taught
10/06/06	Inservice Head & Neck Review Department of Surgery/Division of Otolaryngology-HNS Taught once, Otolaryngology Residents Approximately 15 residents taught
10/17/08	“Tracheal Tumors” Department of Surgery/Division of Otolaryngology-HNS Taught once, Otolaryngology Residents Approximately 15 residents taught
3/23/11	“Sizing Up The Elephant: How Thyroid Cancer Can Enrich A Patient's Life” Department of Surgery Grand Rounds, University of Utah Taught once, General Surgery Residents and Faculty Taught once, Approximately 45 residents and faculty taught
6/15/11	“Chemoprevention for Upper Aerodigestive Tract Malignancies: The Promise of the Future” Visiting Professor Department of Surgery/Division of Otolaryngology-HNS, University of Vermont Taught once, Otolaryngology Residents and Faculty Taught once, Approximately 15 residents and faculty taught
6/16/11	“Sizing Up The Elephant: How Thyroid Cancer Can Enrich A Patient's Life”

Visiting Professor
Department of Surgery/Division of Otolaryngology-HNS, University of Vermont
Taught once, Otolaryngology Residents and Faculty
Taught once, Approximately 15 residents and faculty taught

Laboratory Teaching

2003-Present Anatomy of the Thyroid and Parathyroid
Department of Surgery/Division of Otolaryngology-HNS
Taught once annually, Otolaryngology Residents
Approximately 15 residents taught

Small Group Teaching

None

Students Supervised

Medical Student, Matthew Steenblik, MD, Undergraduate Research Program, Residency in Medical Oncology.

Medical Student, Kristi Maas, Surgery honors program, She went to residency in Obstetrics and Gynecology.

Undergraduate Student, Konrad Kennington, Summer Research studies for the summers of 2006-Present, Was a Medical student with the University of Utah School of Medicine.

Otolaryngology Resident, Brian T. Miller, MD, Residency Research Rotation, Admitted into a Fellowship in Head & Neck Surgical Oncology at St. Louis University.

Otolaryngology Resident, Jason Diaz, MD, Residency Research Rotation, Admitted into a Fellowship in Head & Neck Surgical Oncology at University of Pennsylvania.

Otolaryngology Resident, Eric Yang, MD, Residency Research Rotation, Has accepted an adjunct clinical appointment with the University of Utah Division of Otolaryngology.

Graduate Student Committees

None

Continuing Education Lectures/Presentations

10/26/05 “Organ Preservation Protocols: Where do we stand?”
Huntsman Cancer Institute’s Cancer Teaching Program, Burley/Pocatello, ID
Taught once, Community practitioners
Approximately 40 attendees between the two institutions

6/27/07 “Cervical Lymphatic Metastasis and the Evolution of the Neck Dissection”
Huntsman Cancer Institute’s Cancer Teaching Program, Burley/Pocatello, ID
Taught once, Community practitioners

	Approximately 40 attendees between the two institutions
10/10/08	“Oral Cancer Prevention and Early Detection: The Crucial Role of the Dental Professional” Utah Chapter of the American Dental Hygienists Association Taught once, Community Dental Hygienists Approximately 200 attendees
2/20/09	“Oral Cancer Prevention and Early Detection: The Crucial Role of the Dental Professional” Utah Chapter of the American Dental Association Taught once, Community Dental Professionals Approximately 80 attendees
6/03/09	“Well Differentiated Thyroid Cancer: Fitting the Punishment to the Crime” Huntsman Cancer Institute’s Cancer Teaching Program, Burley/Pocatello, ID Taught once, Community practitioners Approximately 40 attendees between the two institutions
2/20/10	“Oral Cancer Prevention and Early Detection: The Crucial Role of the Dental Professional” Montana Chapter of the American Dental Association Taught once, Community Dental Professionals Approximately 80 attendees
9/25/10	“Oral Cancer Prevention and Early Detection: The Crucial Role of the Dental Professional” Montana Chapter of the American Dental Hygienists Association Taught once, Community Dental Professionals Approximately 100 attendees
Numerous	“Sizing up the Elephant: How Thyroid Cancer can Enrich a Patient's Life.”, The Head and Neck Oncology Sea to Summit Conference, Rideout Cancer Center, Approximately 50 attendees

Other Educational Activities

2008-Present	Mountain West Regional Director, Oral/Head and Neck Cancer Awareness Week Yul Brynner Foundation
4/13/09	Public Service News Announcement, Free Oral Cancer Screening Clinic Oral/Head and Neck Cancer Awareness Week Provided once, KUTV Channel 2 News
4/29/09	“Free Head & Neck Cancer Screening” Oral/Head and Neck Cancer Awareness Week Provided once, KUTV Channel 2 News
7/22/09	“Developing a Hypothesis” Learning Module, Clinical Scholars and Biostatistics Course American Academy of Otolaryngology-Head and Neck Surgery Foundation

PEER-REVIEWED JOURNAL ARTICLES

1. Curran RD, Billiar TR, West MA, **Bentz BG**, Simmons RL. 1988. Effect of interleukin 2 on Kupffer cell activation. Interleukin 2 primes and activates Kupffer cells to suppress hepatocyte protein synthesis in vitro. *Arch Surg* 123:1373.
2. Billiar TR, Curran RD, Stuehr DJ, West MA, **Bentz BG**, Simmons RL. 1989. An L-arginine dependent mechanism mediates Kupffer cell inhibition of hepatocyte protein synthesis in vitro. *J Exp Med* 169: 1467-72.
3. Curran RD, Billiar TR, Kispert PH, **Bentz BG**, Simmons RL. 1989. Hepatocytes enhance Kupffer cell-mediated tumor cell cytostasis in vitro. *Surgery* 106: 126-32.
4. Curran RD, Billiar TR, **Bentz BG**, Simmons RL. 1989. Transforming growth factor-beta regulates Kupffer cell response to endotoxin. *Surg Forum* 40: 65.
5. Billiar TR, Lysz TW, Curran RD, **Bentz BG**, Machiedo GW, Simmons RL. 1990. Hepatocytes modulation of Kupffer cell prostaglandin E2 production in vitro. *J Leuk Biol* 47: 305-11.
6. Stadler J, **Bentz BG**, Harbrecht BG, Di Silvio M, Curran RD, Billiar TR, Hoffman RA, Simmons RL. 1992. Tumor necrosis factor alpha inhibits Hepatocytes mitochondrial respiration. *Ann Surg* 216: 539-46.
7. Stadler J, **Bentz BG**, Billiar TR, Simmons RL. 1992. Tumor necrosis factor alpha inhibits mitochondrial respiration in normal hepatocytes. *Chirurgisches Forum* 455.
8. **Bentz BG**, Haines GK, vonSchlegell AS, Elseth KM, Hanson DG, Radosevich JA. 1998. Expression of the Adenocarcinoma-related antigen recognized by monoclonal antibody 44-3A6 in Salivary Gland Neoplasias. *Oto-Head Neck Surg* 118: 603-9.
9. **Bentz BG**, Haines GK, Hanson DG, Radosevich JA. 1999. Regional variation of constitutive nitric oxide synthase in oral mucosa is lost in head and neck squamous dysplasia and carcinoma. *Ann Otol Rhinol Laryngol* 108: 781-7.
10. **Bentz BG**, Haines GK, Hanson DG, Radosevich JA. 1998. Endothelial Constitutive Nitric Oxide Synthase (ecNOS) in normal and neoplastic salivary tissue. *Head & Neck* 20: 304-9.
11. **Bentz BG**, Barnes MN, Haines GK, Lurain JR, Hanson DG, Radosevich JA. 1997. Cytoplasmic Localization of Endothelial Constitutive Nitric Oxide Synthase in Endometrial Carcinomas. *Tumor Biol* 18: 290-300.
12. **Bentz BG**, Dunham ME. 1998. Extrinsic Tracheobronchial Compression. *Current Opinion in Otolaryngology & Head and Neck Surgery*. 6: 368.
13. **Bentz BG**, Haines GK, Hanson DG, Radosevich JA. 2000. Increased Protein Nitrosylation in Head and Neck Squamous Cell Carcinogenesis. *Head & Neck* 22: 64-70.
14. Mamikoglu B, **Bentz B**, Weit RJ. 2000. Large vestibular aqueduct syndrome presenting with mixed hearing loss and an intact mobile ossicular chain. *ORL Nova* 10: 204-6.
15. **Bentz BG**, Hughes CA, Ludemann JE, Maddolozzo JJ. 2000. Masses of the Salivary Gland Region in Children. *Arch Oto Head Neck Surg* 126: 1435-9.

16. **Bentz BG**, Snyderman CA. 2000. Pulmonary complication in patients with tumors of the head and neck and lung. *Arch Oto Head Neck Surg* 126: 429-32.
17. **Bentz BG**, Haines GK, Radosevich JA. 2000. Glutathione S-transferase π in squamous cell carcinoma of the head & neck. *Laryngoscope* 110: 1642-7.
18. Chandra R, Haines GK, **Bentz BG**, Shah P, Robinson AM, Radosevich JA. 2001. Expression of Nitric Oxide Synthase Type 3 in Reflux-Induced Esophageal Lesions *Oto Head Neck Surg* 124: 442-7.
19. **Bentz BG**, Chandra R, Haines GK, Robinson AM, Shah P, Radosevich JA. 2002. Nitric oxide and apoptosis during head and neck squamous cell carcinoma development. *Am J Otolaryngol* 23: 4-11.
20. Chandra RK, **Bentz BG**, Haines GK, Robinson AM, Radosevich JA. 2002. Expression of Glutathione s-Transferase π in Benign Mucosa, Barrett's Metaplasia, and Adenocarcinoma of the Esophagus. *Head & Neck*. 24: 575-81.
21. **Bentz BG**, Bilsky MH, Shah JP, Kraus D. 2002. Anterior Skull Base Surgery for Malignancy: A Multivariate Analysis of 27-years of Experience. *Head & Neck*. 25: 515-520.
22. **Bentz BG**, Singh B, Woodruff J, Brennan M, Shah JP, Kraus D. 2004. Head and Neck Soft Tissue Sarcomas: A Multivariate Analysis of Outcomes. *Annals Surg Oncol*. 11(6): 619-28.
23. **Bentz BG**, Hammer ND, Radosevich JA, Haines GK. 2004. Nitrosative Stress Induces DNA Strand Breaks but not Caspase Mediated Apoptosis in a Lung Cancer Cell Line. *J Carcinogenesis*. 3: 16.
24. **Bentz BG**, Strong EW, Woodson GE, Shah JP. 2005. The Magnanimous Professional Life and Tragic Demise of J. H. Douglas, M.D. *Laryngoscope* 115(8): 1499-504.
25. Bilsky M, **Bentz B**, Vitaz T, Shah J, Kraus D. 2005. Craniofacial Resection for Skull Base Malignancies Involving the Infratemporal Fossa. *Neurosurgery* 57(4 suppl.): 339-47.
26. Miller BT, Lewis C, **Bentz BG**. 2006. Black thyroid resulting from short term doxycycline use: A case report, review of the literature, and discussion of implications. *Head & Neck* 28(4): 373-7.
27. Rowe LR, **Bentz BG**, Bentz JS. 2006. Utility of *BRAF* V600E mutation detection in cytologically indeterminate thyroid nodules. *CytoJournal* 3:10.
28. Rowe LR, **Bentz BG**, Bentz JS. 2007. Detection of *BRAF* V600E activating mutation in papillary thyroid carcinoma using PCR with allele-specific fluorescent probe melting curve analysis. *J Clin Path* 60(11): 1211-5.
29. Chen J, Lisa Pappas L, Moeller JH, Rankin J, Sharma P, **Bentz BG**, Fang LC, Hayes JK, Shrieve DC, Hitchcock Y. 2007. Treatment of Oropharyngeal Squamous Cell Carcinoma with External Beam Radiation Combined with Interstitial Brachytherapy. *Head & Neck* 29(4): 362-9.
30. **Bentz BG**. 2007. Head and Neck Squamous Cell Carcinoma as a Model of Oxidative-Stress in Cancer. [Invited Commentary]. *J Surg Onc* 96: 190-191..
31. Hewitt KM, Ellis G, Wiggins R, **Bentz BG**. 2007. Parosteal Osteosarcoma: A Case Report and

Review of the Literature. *Head & Neck* 30(1): 122-6.

32. Hitchcock YJ, **Bentz BG**, Sharma PK, Fang C, Tward JD, Pappas L, Chen J, Hayes JK, Shrieve DC. 2007. Planned Neck Dissection after Definitive Radiotherapy or Chemoradiation for Base of Tongue Cancers. *Oto Head Neck Surg* 137(3): 422-7.
33. **Bentz BG**, Hammer ND, Milash B, Klein S, Burnett DM, Radosevich JA, Haines GK. 2007. Nitric Oxide's Kinetics and Redox State Determine the Biological Consequences in Lung Adenocarcinoma. *Tumor Biology* 28(6):301-311.
34. Miller ME, Emerson L, **Bentz BG**, Clayton F, Data RE, Salzman KL, Smith LM, Yu MK. 2007. An unusual case of an extraosseous Ewing's Sarcoma. *J Clin Onc* 25(30): 4845-8.
35. Hitchcock YJ, Tward JD, Szabo A, **Bentz BG**, Schrieve DC. 2008. Relative contribution of radiation and cisplatin-based chemotherapy to sensorineural hearing loss in head-and-neck cancer patients. *IJORBP* 73(3),779-88.
36. **Bentz BG**, Miller BT, Holden JA, Rowe LR, Bentz JS. 2009. B-Raf V600E mutational analysis of fine needle aspirates correlates with diagnosis of thyroid nodules. *Oto Head Neck Surg* 140(5): 709-14.
37. Rodriguez RS, Bozza FA, Hoffman JM, Christensen CR, Wiggins RH, Heilbrun M, Hunt JP, **Bentz BG**, Hitchcock YJ, Morton KA. 2009. Comparison of whole body PET/CT, dedicated high resolution head and neck PET/CT, and contrast enhanced CT in preoperative staging of clinically M0 squamous cell carcinoma of the head and neck. *J Nucl Med* 50(8): 1205-13.
38. Hao HX, Khalimonchuk O, Schrades M, Dephoure N, Bayley JP, Kunst H, Devilee P, Cremers CW, Schiffman JD, **Bentz BG**, Gygi SP, Winge DR, Kremer H, Rutter J. 2009. *SDH5*, A Gene Required for Flavination of Succinate Dehydrogenase, is Mutated in Hereditary Paranglioma. *Science* 325(5944): 1139-42.
39. **Bentz BG**, Diaz J, Ring TA, Wade M, Kennington K, Burnett DM, McClane R, Fitzpatrick FA. 2010. Fiberoptic Resonance Raman Spectroscopy to Measure Carotenoid's Oxidative Breakdown in Live Tissues. *Cancer Prev Res* 3(4): 529-38.
40. Montejo ME, Shrieve DC, **Bentz BG**, Hunt JP, Buchman LO, Agarwal N, Hitchcock YJ. 2011. IMRT with simultaneous integrated boost and concurrent chemotherapy for locoregionally advanced squamous cell carcinoma of the head and neck. *Int J Radiat Onc Biol Phys* 81(5): e845-52.

NON PEER-REVIEWED JOURNAL ARTICLES

1. **Bentz BG**, Haines GK, Hanson DG, Radosevich JA. 1996. Head and neck squamous cell carcinoma expresses a spectrum of constitutive nitric oxide synthase. In: *The Biology of Nitric Oxide, Part 5. Proceedings of the Fourth International Meeting on the Biology of Nitric Oxide*. Moncada S, Stamler J, Gross S, Higgs EA, Eds. Portland Press, London, 217.
2. **Bentz BG**, Haines GK, Radosevich JA. 1998. Nitrotyrosine Implicates Nitric Oxide in Head and Neck Squamous Cell Carcinoma. *Proceedings of the 17th International Cancer Congress* Moraes M, Brentani R, Bevilacqua R, Eds. Monduzzi Editore, Bologna, 547.

REVIEW ARTICLES

1. Bentz BG, **Bentz BG**, Ross MW. 1997. Otitis media/interna in horses. *The Compendium on Continuing Education for the Practicing Veterinarian* 19: 524.
2. **Bentz BG**, Simmons RL, Haines GK, Radosevich JA. 2000. The Yin and Yang of Nitric Oxide. Reflections on the Physiology and Pathophysiology of NO. *Head & Neck* 22: 71-83.
3. **Bentz BG**, Kraus DH. 2003. Advanced Head and Neck Cancer-Surgery and Reconstruction. *Cancer Treat Res.* 114: 145-97.
4. **Bentz BG**, Kraus DH. 2004. Surgical Management of Advanced Head and Neck Cancer. *Otorinolaringologia.* 54: 81-92.

BOOKS

None

BOOK CHAPTERS

1. Geigle-Bentz FL, **Bentz BG**. 1994. *Psychological Aspects of Sports*: IN *Pediatric and Adolescent Sports Medicine, Volume III*: Eds.: Stanitski CL, DeLee JC, Drez Jr. D. Philadelphia: W.B. Saunders Company, 77-93.
2. **Bentz BG**, Wenig BL. 2000. Lasers in Head and Neck Surgery: Introduction. IN *Principles and Practice of Lasers in Otolaryngology and Head & Neck Surgery*: Eds: Oswal V, Lavine H, Remacle M: San Diego, Singular Publishing Company.
3. **Bentz BG**, Kraus DH. 2002. Advanced Head and Neck Cancer-Surgery and Reconstruction. IN *Head and Neck Cancer*: (Eds.) Brockstein BE, Masters GA. Norwell, Kluwer Academic Publishers.

CONFERENCE PROCEEDINGS

OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film)

Website

Bentz BG, Hughes CA. 2002. Barotrauma. Web page: <http://www.american-hearing.org/name/barotrauma.html#whatis>.

PENDING PUBLICATIONS

None

RECENTLY PUBLISHED ABSTRACTS FOR ORAL OR POSTER PRESENTATION

1. Chandra RK, Haines GK, **Bentz BG**, Shah P, Radosevich JA. 2000. Expression of NOS3 in Reflux-Induced Esophageal Lesions. *Oto Head Neck Surg* 123: P103.
2. Chandra RK, **Bentz BG**, Haines GK, Shah P, Robinson AM, Radosevich JA. 2001. Expression of Nitric Oxide Synthase 3 in Gastric Mucosa, Metaplasia, and Adenocarcinoma. *J Invest Med* 49:

280A.

3. Chandra RK, **Bentz BG**, Weit RJ, Haines GK, Radosevich JA. 2002. Cyclin A Expression in Acoustic Neuroma. *Otolaryngology-Head & Neck Surgery*, P100.
4. **Bentz BG**, Singh B, Woodruff JA, Brennan MF, Shah JP, Kraus D. 2003. Head and Neck Soft Tissue Sarcomas. *Annals Surg Onc* 10, S21.
5. Elseth K, **Bentz BG**, Vesper BJ, Yao M, Haines GK, Altman KW, Radosevich JA. Tumor Cells Adapt More Quickly to High Levels of Nitric Oxide (NO) and Become More Malignant in High NO Environment. *Arch Oto Head Neck Surg* 132, S080.

UNPUBLISHED POSTER PRESENTATIONS

1. **Bentz BG**, Haines GK, Robinson AM, Shah P, Radosevich. 2000. Nitric Oxide and Apoptosis in Head and Neck Squamous Cell Carcinoma. *5th International Conference on Head and Neck Cancer*, San Francisco, CA, July 29- August 2.
2. **Bentz BG**, Pelzer HJ, Haraf DJ, Vokes EE, Mittal B, Stenson KM, Huang CF, Kies MS. 2000. Surgery Plus Postoperative Chemoradiotherapy for Patients with Neck Metastases from an Unknown Primary. *5th International Conference on Head and Neck Cancer*, San Francisco, CA, July 29- August 2.
3. **Bentz BG**, Chandra R, Haines GK, Robinson AM, Radosevich JA. 2001. The Role of Nitric Oxide in Mutational Events Leading to Cancer Development. *American Society of Clinical Oncology Annual Meeting*. May 12-15, San Francisco, CA.
4. Radosevich JA, **Bentz B**, Haines GK. 2002. Labyrinthin is a Mutated Form of Junctin/Junctate Associated with the Human Adenocarcinoma Phenotype. *The 30th Annual Meeting of the International Society of Oncodevelopmental Biology and Medicine*. Boston, MA Sept. 8th-12th.
5. Radosevich JA, Hammer ND, Elseth K, Hewitt SM, Babich M, **Bentz BG**, Haines GK. 2004. Expression of Calcium Ion Channel Components in Human Tumors. *The XXXII Meeting of the International Society for Oncodevelopmental Biology and Medicine*, Helsinki, Finland, June 19-23.
6. Hammer ND, Haines GK, Altman K, **Bentz BG**, Elseth K, Radosevich JA. Transcriptional Analysis of the Human Aspartyl (asparaginy) Beta-Hydroxylase Loci in Tumor Cells and Identification of Labyrinthin, a Tumor Specific Transcript. *The XXXII Meeting of the International Society for Oncodevelopmental Biology and Medicine*, Helsinki, Finland, June 19-23, 2004.
7. **Bentz BG**, Lane P, Burnett DM, Gross SS. Endogenous Nitric Oxide Modulates in vitro Tumor Cell Migration in a Mouse Oral Tongue Squamous Cell Carcinoma Cell Line. *The 95th Annual Meeting of the American Association for Cancer Research*, Orlando, FL, March 27-31, 2004.
8. **Bentz BG**, Woodson G, Strong ER, Shah JP. A Case for Membership Reinstatement of J. H. Douglas, MD to the American Laryngological Association (ALA). *125th annual meeting of the American Laryngological Association*, Phoenix, AZ, April 30-May 3, 2004.
9. **Bentz BG**, Lane P, Burnett DM, Gross SS. Endogenous nitric oxide production modulates migration in mouse squamous carcinoma cell lines. *6th International Conference on Head and Neck Cancer*, Washington, D.C., August 7-11, 2004

10. Elseth K, Hammer N, Vesper B, **Bentz B**, Haines GK, Roeske J, Mundt A, Radosevich J. Nitric Oxide Synthetase and GST-pi Expression Correlates with Radiosensitivity in Human Oral Cancers. *2005 Clinic and Research Day*, University of Illinois at Chicago, College of Dentistry, Chicago, IL, February 11, 2005.
11. Tarjan S, Hammer N, Vesper B, Elseth K, Hewitt S, Babich M, **Bentz B**, Haines GK, Radosevich J. Over Expression Of Calcium Ion Channel Components In Human Tumors. *2005 Clinic and Research Day*, University of Illinois at Chicago, College of Dentistry, Chicago, IL, February 11, 2005.
12. Waltonen J, Altman K, Haines GK, **Bentz B**, Hammer N, Tarjan S, Elseth K, Radosevich J. Over Expression Of Glutathione-S-Transferase-pi (GST-pi) Does Not Parallel Over Expression of Endothelial Constitutive Nitric Oxide Synthetase (ecNOS) In Human Squamous Cell Laryngeal Tumors. *2005 Clinic and Research Day*, University of Illinois at Chicago, College of Dentistry, Chicago, IL, February 11, 2005.
13. Hitchcock Y, **Bentz B**, Jensen R, Sharma P. Second High-Grade Sarcoma of the Mandible within Prophylactic Cranial Irradiation Field in a Long Term Survivor of Childhood Acute Lymphocytic Leukemia. 10th Connective Tissue Oncology Society, Montreal, Canada, November 11 -13, 2004.
14. Miller BT, Lewis C, **Bentz BG**. Black-thyroid resulting from Short Term Doxycycline Use: A Case Report, Review of the Literature, and Discussion of Implications. *Utah American College of Surgeons Meeting*, Canyons Resort, Utah, February 12, 2005.
15. Rowe LR, **Bentz BG**, Holden JA, Bentz JS: Utility of BRAF V600E Mutation Detection in Cytologically Indeterminate Thyroid Nodules. Abstract to be presented at 53rd Annual Scientific Meeting of the American Society of Cytopathology. San Diego, CA Nov 4-9, 2005.
16. Bentz JS, Rowe LR, **Bentz BG**, Holden JA: Molecular Detection of the BRAF (V600E) Activating Gene Mutation in Fine Needle Aspiration of Papillary Thyroid Carcinoma Using LightCycler PCR and Fluorescent Melting Curve Analysis. Abstract to be presented at 53rd Annual Scientific Meeting of the American Society of Cytopathology. San Diego, CA, Nov 4-9, 2005.
17. Diaz JA, **Bentz BG**, McClane RW. Alcohol Consumption Alters Concentration of Carotenoids in Oral Cavity Tissues as Measured by Raman Spectroscopy. Utah Chapter of the American College of Surgeons, February 2006.
18. Khurram H, Gill P, Elseth K, Tarjan G, **Bentz BG**, Altman KW, Haines GK, Radosevich JA. Endothelial Constitutive Nitric Oxide Synthase (ecNOS) and Inducible Nitric Oxide Synthase (iNOS) Are Inversely Over-Expressed in Tumors of the Tongue. *Clinic and Research Day 2006*, College of Dentistry, University of Illinois - Chicago, Illinois, 2006.
19. Elseth K, **Bentz BG**, Haines GK, Altman KW, Radosevich JA. Nitric Oxide Can Inhibit Apoptosis in the Face of Ongoing Mutational Events by Altering Apoptosis-Related Gene Expression. *Clinic and Research Day 2006*, College of Dentistry, University of Illinois - Chicago, Illinois, 2006.
20. Khurram K, Vesper BJ, Elseth K, **Bentz BG**, Haines GK, Gill P, Tarjan G, Radosevich JA. Expression of Inducible Nitric Oxide Synthase (iNOS) in Human Cervical Cancer. *Clinic and Research Day 2006*, College of Dentistry, University of Illinois - Chicago, Illinois, 2006.

21. Elseth K, **Bentz BG**, Vesper BJ, Haines GK, Altman KW, Radosevich JA. Long-Term Nitric Oxide Donor Treated Human Tumor and Normal Cell Lines. Clinic and Research Day 2006, College of Dentistry, University of Illinois - Chicago, Illinois, 2006.
22. Diaz JA, Sharma PK, McClane RW, **Bentz BG**. Alcohol Consumption Alters Concentration of Carotenoids in Oral Cavity Tissues As Measured By Raman Spectroscopy. Triological Society Combined Meeting, Marco Island, FL, February 14-18, 2007.
23. Radosevich JA, Yarmolyuk YR, Elseth K, Vesper BJ, Haines GK, **Bentz BG**. Understanding the Role Nitric Oxide Plays in Tumor Formation and Progression. 14th European Cancer Conference, Barcelona, Spain, September 23-27th, 2007.

ORAL PRESENTATIONS

Keynote/Plenary Lectures International

None

National

None

Regional/Local

None

Meeting Presentations International

1. **Bentz BG**, Haines GK, Hanson DG, Radosevich JA. 6/28-7/2/96. *Endothelial Constitutive Nitric Oxide Synthase (ecNOS) in Normal and Neoplastic Salivary Tissue*. 4th International Conference on Head and Neck Cancer. Toronto, Canada.
2. **Bentz BG**. August 23-28, 1998. *Nitrotyrosine Implicates Nitric Oxide in Head and Neck Squamous Cell Carcinoma*. 17th International Cancer Congress, Rio de Janeiro, Brazil.
3. **Bentz BG**, Wade M, Burnett DM, Fitzpatrick F. *Beta-carotene's oxidative metabolism may represent a cancer risk with ongoing tobacco use*. July 20, 2008. 7th International Conference on Head & Neck Cancer. San Francisco, CA.

National

1. **Bentz BG**, Haines GK, Bak PL, Radosevich JA. April 24-30, 1999. *Pathologic nitric oxide production in head and neck squamous cell carcinoma*. Triological Society Combined Otolaryngology Spring Meeting Program, Palm Springs, CA.
2. **Bentz BG**, Hughes CA, Ludemann JA, Maddalozzo JJ. April 24-30, 1999. *Salivary Neoplasms in the Pediatric Patient: Evaluation Based on Age*. American Society of Pediatric Otolaryngology Combined Otolaryngology Spring Meeting Program, Palm Desert, CA.

3. **Bentz BG**, Chandra R, Haines GK, Robinson AM, Radosevich JA. 2001. Endogenous or Exogenous Nitric Oxide Exposure Causes DNA Damage in Cancer. *American Federation for Medical Research: Clinical Research 2001*. Arlington, VA, March 8-11.
4. **Bentz BG**, Shah JP, Bilsky MH, Kraus DH. February 16-19th, 2002. *A 27-year Experience with Skull Base Surgery*. 13th Annual Meeting of the North American Skull Base Society, San Diego, CA.
5. **Bentz BG**, Chandra R, Haines GK, Radosevich JA. October 9-13th, 2002. *Nitric oxide's role in DNA damage and Apoptosis in Head and Neck Squamous Cell Carcinoma*. 6th Research Workshop on Biology, Prevention, and Treatment of Head and Neck Cancer, McLean, VA.
6. **Bentz BG**, Vitaz T, Bilsky MH, Shah JP, Kraus D. February 22-25, 2003. *Infratemporal fossa malignancy treated by anterolateral skull base surgery*. 14th Annual Meeting of the North American Skull Base Society. Memphis, TN.
7. **Bentz BG**, Singh B, Woodruff JA, Brennan M, Shah JP, Kraus D. March 5-9, 2003. *Head and neck soft tissue sarcomas*. 56th Annual Society of Surgical Oncology Cancer Symposia, Los Angeles, CA.
8. Elseth K, **Bentz BG**, Vesper BJ, Yao M, Haines GK, Altman KW, Radosevich JA. *Tumor Cells Adapt More Quickly to High Levels of Nitric Oxide (NO) and Become More Malignant in High NO Environment*. August 17-20, 2006. American Head & Neck Society 2006 Annual Meeting & Research Workshop on the Biology, Prevention, and Treatment of Head and Neck Cancer, Chicago, IL.
9. Miller BT, Bentz J, Rowe L, **Bentz BG**. *Incidence of B Type RAF (BRAF), in Papillary and Follicular Subtype Papillary Thyroid Carcinoma*. August 17-20, 2006. American Head & Neck Society 2006 Annual Meeting & Research Workshop on the Biology, Prevention, and Treatment of Head and Neck Cancer, Chicago, IL.

Regional/Local

1. **Bentz BG**, Simmons RL. 5/23/91. *Tumor necrosis factor alpha induces inhibition of mitochondrial respiration and the release of cytoplasmic enzymes*. University of Pittsburgh School of Medicine Student Scientific Day.
2. **Bentz BG**: 4/1/96. *Constitutive nitric oxide synthase in normal and neoplastic salivary tissue*. Chicago Laryngologic & Otologic Society Resident Research Competition. Chicago, IL.
3. **Bentz BG**, Haines GK, Radosevich JA. January 22, 2000. *Glutathione S-transferase π in squamous cell carcinoma of the head & neck*. John Lindsay Research Award of the Middle Section of the Triological Society.

Invited/Visiting Professor Presentations

None

Grand Rounds Presentations

10/03/07 “Cervical Lymphatic Metastasis and the Evolution of the Neck Dissection”
Department of Surgery Grand Rounds

Last Updated: 1/4/23

Taught once, Surgical Faculty and Resident
Approximately 50 individuals

Industry Presentation

None

OTHER SCHOLARLY ACTIVITY

Development of a Head & Neck Cancer Database, Huntsman Cancer Institute, Started to enter patient data on the database 3/2009.

NON-ACADEMIC ACTIVITY

CDR, USNR, Great Lakes Naval Base 1995-2000, Naval Reserve Center Bronx, NY, 2000-2003, DD256
Honorable Discharge 2006