

Andrew G. Shuman, MD FACS
Department of Otolaryngology – Head and Neck Surgery
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Personal Statement

I am a fellowship-trained academic head and neck surgical oncologist and medical ethicist. I am recognized as a thought leader in ethical issues arising within the field of otolaryngology. I co-direct our institutional Clinical Ethics Service, chair the adult ethics committee service, and have considerable experience with medical ethics education at the undergraduate, pre- and post-graduate levels. My main research interests examine the intersection between medical ethics and head and neck cancer care delivery, focusing on treatment-related decision-making in this patient population. My empiric work to date has focused on end-of-life care, laryngeal cancer treatment choices, individualized risk prediction, and counseling about HPV. An emerging avenue of research explores empirical analysis and study of the application of the genomic frontier in head and neck cancer.

Academic and Professional Appointments

University of Michigan

2014 – Present	Assistant Professor Division of Head & Neck Oncology Department of Otolaryngology – Head and Neck Surgery University of Michigan Health System	Ann Arbor, MI
2016 – Present	Co-Chief Clinical Ethics Service Center for Bioethics and Social Sciences in Medicine (CBSSM) University of Michigan Medical School	Ann Arbor, MI
2016 – Present	Chair Adult Ethics Committee and Consultation Service University of Michigan Health System	Ann Arbor, MI
2014 – Present	Member University of Michigan Comprehensive Cancer Center	Ann Arbor, MI
2017 – Present	Member Institute for Healthcare Policy and Innovation University of Michigan	Ann Arbor, MI
2014 – Present	Adjunct Assistant Professor College of Literature, Science and the Arts University of Michigan	Ann Arbor, MI

VA Ann Arbor Healthcare System

2014 – Present Chief Ann Arbor, MI
ENT Section, Surgery Service
VA Ann Arbor Healthcare System

Education and Training

7/2011 – 12/2013 Memorial Sloan-Kettering Cancer Center New York, NY
Head and Neck Surgical Oncology Fellow
Department of Surgery

7/2011 – 12/2013 Weill Cornell Medical College New York, NY
Medical Ethics Fellow
Department of Public Health

7/2007 – 6/2011 University of Michigan Hospitals Ann Arbor, MI
Resident Surgeon
Department of Otolaryngology-Head and Neck Surgery
(Administrative Chief Resident 2010-2011)

6/2006 – 7/2007 University of Michigan Hospitals Ann Arbor, MI
Surgical Intern
Department of Surgery

8/2002 – 6/2006 University of Michigan Medical School Ann Arbor, MI
M.D. with Distinction

9/1998 – 5/2002 University of Michigan Ann Arbor, MI
B.S. with High Distinction
Concentration in Biology; Minor in Judaic Studies

Certification and Licensure

Diplomate of the American Board of Otolaryngology CN# 20982	Renewal 6/22/22
Michigan State MD Permanent License 4301087981	Renewal 1/31/19
Michigan State Controlled Substance License 5315038628	Renewal 1/31/19
DEA Controlled Substance FS1149889	Renewal 2/28/21
BLS/ACLS certified	Renewal 11/30/19

Research Interests

1. Ethical challenges arising in patients with head and neck cancer
2. Decision making and decision support in head and neck cancer treatment
3. Process and workflow of clinical ethics consultation

Grants

AHNS Young Investigator Award; “Patient and Provider Perspectives on Personalized Head & Neck Cancer Care” (PI), 7/1/17-6/30/19 [\$40,000]
VA Million Veteran Project 1 I01 BX004183-01A1; “Immunogenetic determinants of HPV-related head and neck cancer in Veterans” (Co-I; PI Sikora), 4/1/18-3/31/20 [\$298,169].

Advanced Research Training in Otolaryngology Program Training Grant (T32 DC005356) (Co-director), 7/1/16-6/30/21 [\$1,154,710]
University of Michigan Depression Center Strategic Translational Research (STAR) Award, “Prophylactic Antidepressants for Major Depression in Head and Neck Cancer” 4/1/18-7/1/19 (Faculty PI/Mentor) [12,500]
Accreditation Council for Graduate Medical Education; “Meaningful Encounters at the Bedside: A Novel Resident Wellness Program” (Preceptor), 1/1/18-12/31/19 [\$4,000]
CME Innovations Grant; “Implementation of a Multi-Disciplinary Clinical Ethics Continuing Medical Education Curriculum” (Co-PI), 6/1/16-6/30/17 [\$10,324]
MCubed Program; “Developing web-based prognostic calculators in head and neck cancer” (Co-PI) 12/1/15-11/30/16 [\$15,000]
AAO-HNS Resident Research Grant, “Decision-making in laryngeal cancer” (PI), 7/1/12-6/30/13 [\$10,000]

Selected Honors and Awards

American Head & Neck Society 2017 Young Investigator Award
AAO-HNS Society Honor Award, 2017
Frank N. Ritter, MD Award for Resident Teaching, University of Michigan, 2016
C.T. Lee Lectureship on Humanistic Compassionate Care (Yale Dept. of Surgery), 2016
Otolaryngology-Head and Neck Surgery Editorial Board Star Reviewer, 2016 and 2015
AAO-HNS Model Committee Award (Ethics Committee), 2016, 2015, 2014 and 2012
AAO-HNS Outstanding Poster Award 2014
AAO-HNS Resident Leadership Grant 2012
Triological Society Combined Sections Meeting 1st Place Poster Award 2012
Triological Society Resident Research Travel Grant 2011
Finalist, Institute of Industrial Engineers’ National Lean Best Practice Award 2011
Kemink Award for Excellence in Clinical Research; 2010 and 2011
Rontal Travel Grant for Best Research Presentation, University of Michigan; 2010 and 2011
American Academy of Otolaryngology Resident Research Award, 2nd Place 2010
Michigan Otolaryngology Society 2nd Place Resident Recognition Award 2010
Triological Society Paul Holinger Resident Research Award 2009
Dean’s Commendation for Excellence in Clinical Skills and the Art of Medicine 2006
Albert C. Furstenberg Award 2006
Member, Alpha Omega Alpha, Phi Beta Kappa and National Society of Collegiate Scholars
Academy of Achievement scholar
University of Michigan Shipman Scholar

Peer Review Services

Otolaryngology – Head and Neck Surgery (Associate Editor for Head and Neck/Skull Base Surgery)
JAMA Otolaryngology – Head & Neck Surgery
AJOB
Head & Neck
Annals of Surgical Oncology
The Oncologist
Annals of Otolaryngology, Rhinology & Laryngology

Teaching Experience

Graduate Medical Education

2016 – Present	Task Force Member and Mentor, <i>Otolaryngology – Head and Neck Surgery</i> Resident Manuscript Review Program	
2015 – Present	VA Otolaryngology Resident Rotation Educational Lead	Ann Arbor, MI
2014 – Present	Faculty; Michael Rontal Family Anatomy Course	Ann Arbor, MI
2015 – Present	Co-Director T32 Advanced Research Training in Otolaryngology Program Training Grant (T32 DC005356); Dept. of Otolaryngology – Head & Neck Surgery UMMS Program lead of Responsible Conduct in Research curriculum	Ann Arbor, MI
2014 – Present	Chair, Resident Research Committee, Otolaryngology	Ann Arbor, MI
2014 – Present 2011 – 2013	Otolaryngology Resident Oto Bootcamp Weill-Cornell Internal Medicine Residency Co-designed a novel curriculum for case-based learning for an entire residency program; program details have been nationally presented and published.	Ann Arbor, MI New York, NY
2010 - 2011	Member, Graduate Medical Education Committee	Ann Arbor, MI
2009 - 2011	Resident Instructor, surgical intern skills workshop	Ann Arbor, MI

Pre-Graduate Medical Education

2016 – Present	Faculty, “Doctoring: Caring for Patients, Families and Communities” University of Michigan Medical School	Ann Arbor, MI
2016 – Present	Co-Director; Otolaryngology sequence, M1 curriculum	Ann Arbor, MI
2014 – Present	Faculty, UMMS Ethics Path of Excellence	Ann Arbor, MI
2014 – Present	Moderator, Ethics Small Group Sessions (MS3-4)	Ann Arbor, MI
2014 – Present	Ethics Education Advisory Council Center for Bioethics and Social Sciences in Medicine University of Michigan Medical School	Ann Arbor, MI
2012 – 2013	Ethics curriculum, Weill Cornell Medical College Lecturer and small-group leader in MPS 2 and 3, with focus on surgical ethics, capacity and informed consent, and end-of-life decision-making.	New York, NY

Undergraduate

2014 – Present	UC 151.006: Medical Ethics: At the Bedside (University of Michigan) [Taught F14, W15, F15, W16, F16 semesters]	
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	Course director; 3-credit first-year seminar	Ann Arbor, MI
2014 – Present	Guest Lecturer for undergraduate courses UC151.007 Epidemics: Present and Future: The Ethics of Ebola in America UC105: Perspectives of Health and Health Care: Intro to Medical Ethics ANAT403: Human Anatomy: Thyroid and Parathyroid: Clinical Correlations PSYCH211: Health, Illness, and Society; Introduction to Medical Ethics SOC 476 - Sociology of Bioethics: Clinical Ethics in Practice NURS577 - Acute Care Advanced Practice Nursing: Multidisciplinary Ethics	Ann Arbor, MI
2016 – Present	Faculty advisor; Undergraduate Bioethics Club	Ann Arbor, MI
2009 - 2011	UC 105-6: <i>Perspectives on Health and Health Care</i> Guest lecturer in course designed for pre-health undergraduate students.	Ann Arbor, MI
2009 - 2011	Medical student clinical ethics course Small-group leader and facilitator.	Ann Arbor, MI
2008 – 2011	Medical student anatomy course Resident instructor of first-year medical students in gross and applied clinical anatomy of the head and neck.	Ann Arbor, MI
CME/Other		
2017 - Present	Office of Continuing Education, University of Michigan Medical School CME course on medical ethics	
2017 – Present	American Head & Neck Society Designed ethics curriculum for AHNS head & neck surgical oncology fellowship	
2016 – Present	Preventative ethics multidisciplinary critical care rounds; supported by CME Innovations Grant, “Implementation of a Multi-Disciplinary Clinical Ethics Continuing Medical Education Curriculum.”	
2016 – Present	American Board of Otolaryngology (ABOTO) Task Force on New Materials	
2013 – Present	AAO-HNS Ethics Curriculum Development and teaching of American Board of Otolaryngology-approved maintenance of certification curriculum in medical ethics for national surgical subspecialty licensing board, and a related course taught at national meeting.	
2012 – 2013	Memorial Sloan-Kettering Cancer Center Leader of a case-based learning initiative for multiple groups of clinicians at Memorial Sloan-Kettering Cancer Center. Specific groups included transitional year (PGY-1) interns; the critical care / ICU department; the palliative care service; the head and neck disease management team; and surgery.	New York, NY

- 2012 – 2013 Head & Neck Ethics Grand Rounds, MSKCC New York, NY
 Implemented quarterly case-based learning in medical ethics within a multi-disciplinary Disease Management Team.
- 2010 - 2011 Ethics Grand Rounds, Dept. of Otolaryngology Ann Arbor, MI
 Founded a series of departmental lectures and discussions focusing on ethical issues within one surgical subspecialty; its implementation has been nationally presented, published, and awarded.

Memberships and Committees

University of Michigan Medical School and UMHS

Chair, Adult Ethics Committee (2014-Present)

Co-Chair, Resident Research Committee (2014-Present)
 Department of Otolaryngology – Head and Neck Surgery

Preclinical Medical Student Education Committee (2017-Present)
 Department of Otolaryngology - Head & Neck Surgery

Program Education Committee (2014-Present)
 Department of Otolaryngology – Head and Neck Surgery

Ethics Path of Excellence (2014-Present)

Clinical Competency Committee (2015)
 Department of Otolaryngology – Head and Neck Surgery

VA Ann Arbor Healthcare System

Surgery Service Leadership Committee (2014-Present)

American Academy of Otolaryngology – Head and Neck Surgery

Associate Editor for Head and Neck/Skull Base Surgery, *Otolaryngology-Head and Neck Surgery* (2016-Present)

Editorial Board, *Otolaryngology-Head and Neck Surgery* (2015-Present)

Ethics Committee (2011-Present)
 [Recipient of 2012, 2014-16 AAO-HNS Model Committee Award]

Veterans Affairs Committee (2016-Present)

Centralized Otolaryngology Research Efforts (CORE) Grant Reviewer, Head and Neck Committee (2013-2015)

American Board of Otolaryngology (ABOTO)

Task Force on New Materials (2016 – Present)

American Society of Bioethics and Humanities

Surgical ethics affinity group (2013 – Present)

Clinical ethics consultation affinity group (2015 – Present)

American Head and Neck Society

Ethics Committee (2014 – Present)

Survivorship Committee (2014 – Present)

Scientific Review Committee, 9th International Conference on Head & Neck Cancer (2016)

American College of Surgeons [Fellow] (2017 – Present)

Michigan State Medical Society

Ethics Committee (2014 – Present)

American Cochlear Implant Alliance

Board of Directors (2015 – Present)

Volunteer/Service

2008-2011; 2014-Present	UMHS@Hope Surgical Specialty Clinic Designer and faculty supervisor of a program providing multispecialty care at a free community clinic (2014 UMHS Program of the Year).	Ypsilanti, MI
2011-2013	Member and Consultant, Clinical Ethics Committee Memorial Sloan-Kettering Cancer Center	New York, NY
2011-2013	Member and Consultant, Clinical Ethics Committee New York Presbyterian – Weill-Cornell Medical Center	New York, NY
2011-2013	Physician volunteer, NYC Medical Reserve Corps Group of volunteer health professionals prepared to respond to health emergencies; served at evacuation shelter during Hurricane Sandy aftermath.	New York, NY
2003-2011	Member, Adult Ethics Committee University of Michigan Health System	Ann Arbor, MI

Invited Lectures and Professorships

Shuman AG. The ethics of surgical resectability. Memorial Sloan Kettering Cancer Center. New York, NY, May 2018.

Shuman AG. Conceptualizing a surgical ethic of care. Departments of Surgery, Otolaryngology, and the John Conley Division of Medical Ethics, SUNY Downstate Medical Center. Brooklyn NY, March 2018.

Shuman AG, Spector-Bagdady K. Biospecimens and research consent: unique issues for cell line research. Department of Bioethics, NIH Clinical Center. Bethesda MD: October 2017.

Shuman AG. A surgical ethic of care. Weill Cornell Medical College Division of Medical Ethics. NY, NY: Oct 2016.

Shuman AG & McCammon SD [moderators], Stack BC, Stadler M. John Conley Ethics and Professionalism Symposium: Escalating and De-escalating Care in the Technological Era. AHNS 9th International Conference on Head and Neck Cancer. Seattle, WA, July 2016.

Shuman AG. A case-based approach to ethics in otolaryngology. C.T. Lee Endowed Lectureship on Humanistic Compassionate Care. Yale University Department of Surgery. New Haven CT, April 2016.

Shuman AG. Patient-centered decision making in head and neck cancer. Washington University Department of Otolaryngology. St Louis, Jan 2016.

Shuman AG. Ethical challenges of head and neck cancer care in the genomic era. John Conley Division of Medical Ethics, SUNY Downstate Medical Center. Brooklyn NY, Dec 2015.

Shuman AG. Getting personal: Treating head and neck cancer in the era of precision medicine. Baylor University College of Medicine. Houston TX, Oct 2015.

Shuman AG (keynote speaker). Making the most of your medical school experience. University of Michigan Medical School Dean's Scholars Retreat. Ann Arbor, MI: August 2015.

Shuman AG (panel chair). Ethical issues arising in the care of patients with head and neck cancer. International Federation of Head and Neck Oncologic Societies (IFHNOS) / AHNS 5th World Congress. New York, NY: July 2014.

Shuman AG. Assessing the role of palliative surgery in head and neck cancer. Henry Ford Health System Multidisciplinary Head and Neck Cancer Symposium. Detroit, MI: May 2014.

Shuman AG. The ethics of drug shortages. Cayuga Medical Center. Ithaca, NY; March 2013.

Shuman AG. End of life care in head & neck cancer. Department of Otolaryngology – Head and Neck Surgery Grand Rounds. Temple University / Fox Chase Cancer Center, Philadelphia, PA; Nov 2012.

Shuman AG. The Team, The Team, The Team: Redefining medical service. National Asian Pacific American Medical Student Association Conference. Ann Arbor, MI; Sept 2012.

Shuman AG. Opening the door to dialogue: the development of departmental ethics grand rounds. UMHS Bioethics Grand Rounds. Ann Arbor, MI; May 2011.

Extramural Oral Presentations

International

Shuman AG (moderator), Isaie N, Shaye D, Brown J, Nuss R. Tracheostomy solutions in low-resource environments. 4th International Tracheostomy Symposium GTC. Dallas TX: Feb 2018.

Shuman AG (symposium moderator); Kupfer R, Kokesh J, Hu A [chair]. Volunteering at Home. ENT World Congress - International Federation of ORL Societies (IFOS). Paris France: June 2017.

Shuman AG (symposium moderator); Pathak A, Kerawala C, Krishnakumar K, Bhatt R. Maximizing scarce resources in oral cancer care. International Academy of Oral Oncology (IAOO) World Congress. Bangalore India: May 2017.

Smith LB, Shinar Y, **Shuman AG**. Utility of an on-line electronic ethics consultation platform. International Conference on Clinical Ethics & Consultation. New York NY: May 2015.

Shuman AG. The ethical conundrum of HPV-associated head and neck cancer. 8th International Conference on Ethics in Biology, Engineering & Medicine. Brooklyn, NY: April 2015.

Shuman AG. Patient perspectives on decision-making in laryngeal cancer treatment. International Federation of Head and Neck Oncologic Societies (IFHNOS) / AHNS 5th World Congress. New York, NY: July 2014.

Shuman AG, Cole R, McCammon S. Exercises in futility: ethical challenges in otolaryngology (mini-seminar). American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. Vancouver Canada; Sept 2013.

Shuman AG (invited speaker and panelist). Ethical dilemmas in ENT. International Federation of Oto-Rhino-Laryngological Societies (IFOS) World Congress. Seoul, South Korea; June 2013.

Shuman AG. An ethical framework for anaplastic thyroid cancer. International Federation of Oto-Rhino-Laryngological Societies (IFOS) World Congress. Seoul, South Korea; June 2013.

Shuman AG. Predictors of pain among head and neck cancer patients. AHNS 8th International Conference on Head and Neck Cancer, Toronto ON; July 2012.

Shuman AG. Evaluación de la masa del cuello. Hospital Suiza; La Ceiba, Honduras. May 2011.

National

Johnson KC, Tannenbaum S, Golinkoff R, DesJardin, J, McCartney A, **Shuman AG**. Parental engagement in pediatric CI outcomes. American Cochlear Implant Alliance Annual Meeting. Washington DC: March 2018.

Shuman AG, Strand N, Spector-Bagdady K. From patient to participant to specimen to data: privacy across the health lifecycle. Data Privacy in the Digital Age. Office of the Chief Information Officer, Department of Health and Human Services. Washington DC: October 2017.

Shuman AG, Goold SD, Firm J. Navigating the ethics of medication usage at the institutional level. American Society for Bioethics and Humanities National Meeting. Kansas City MO; Oct 2017.

Shuman AG, (Moderator), Schloegel L, Cognetti D. Genetic testing for the otolaryngologist: who, why, and when to test. AAO-HNS Annual Meeting. Chicago IL; Sept 2017.

Basura GJ, Nettekville JL, Saunders JE, **Shuman AG** (moderator). Ethical issues in international missions. AAO-HNS Annual Meeting. Chicago IL; Sept 2017.

Shuman AG. The future of value-based payment models and the impact on pharmacy: ethical perspectives. Michigan Association of Health Plans Summer Conference. Traverse City MI: July 2017.

Smith LB, **Shuman AG**, Vercler CJ, Shinar Y. Creating a co-curricular ethics program for medical students. American Society for Bioethics and Humanities National Meeting. Washington, DC: Oct 2016.

Shuman AG, Cordes SR. Clinical fundamentals: ethics and professionalism (ABOTO MOC sponsored course). AAO-HNS Annual Meeting. San Diego, CA; Sept 2016.

Shuman AG, (Moderator), Schloegel L, Manace-Brenman L, Simental A. Genetic testing for the otolaryngologist: who, why, and when to test. AAO-HNS Annual Meeting. San Diego, CA; Sept 2016.

Shuman AG, (Moderator); Goodwin JC, Langerman A, Showmaker J. Sex, drugs, and cancer: talking to patients about HPV. AAO-HNS Annual Meeting. San Diego, CA; Sept 2016.

Cole RD, McCammon SD, **Shuman AG**, Cordes SR. Clinical fundamentals: ethics and professionalism (ABOTO MOC sponsored course). AAO-HNS Annual Meeting. Dallas, TX; Sept 2015.

Shuman AG. (Invited panelist). Outcomes best practice: how to get started. AHNS Translational Research Meeting. Boston MA: April 2015.

Cole RD, McCammon SD, **Shuman AG**, Cordes SR. Clinical fundamentals: ethics and professionalism (ABOTO MOC sponsored course). AAO-HNS Annual Meeting. Orlando FL; Sept 2014.

Xu J, **Shuman AG.** Soothing and balmy, cure without disfigurement. Otolaryngology Historical Society Annual Meeting. Orlando FL: Sept 2014.

Hadley JA, Rotenberg BW, **Shuman AG**, Zacharek MA. Ethical Dilemmas in Rhinology and Skull Base Surgery. American Rhinologic Society Meeting at COSM. Las Vegas, NV: May 2014.

Shuman AG (panelist). Case discussion: core concepts in head and neck surgery and oncology. New York, NY: November 2013.

Shuman AG. Ethics consultation in a cancer center. Interdisciplinary palliative care: conundrums in the 21st century. New York, NY; Nov 2012.

Shuman AG. A new care paradigm in geriatric head and neck surgical oncology. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. Washington, DC; Sept 2012.

Shuman AG. From cancer to cookbooks: the story of Clementine Paddleford. Otolaryngology Historical Society Annual Meeting. Washington, DC; Sept 2012.

Shuman AG. Stratifying the risk of venous thromboembolism in otolaryngology. Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. San Francisco, CA; Sept 2011.

Shuman AG. The right not to hear: ethics of parental refusal of hearing rehabilitation. Triological Society Combined Sections Meeting. Scottsdale, AZ; January 2011.

Shuman AG. Demographics and efficacy of a head and neck cancer screening program. Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. Boston, MA; Sept 2010. (Winner of Resident Research Award).

Shuman AG. End of life care in head and neck cancer. Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. Boston, MA; Sept 2010.

Shuman AG. Predictors of poor sleep quality among head and neck cancer patients. Triological Society Combined Sections Meeting. Orlando, FL; February 2010 (Winner of Resident Research Award).

Regional (selected)

Shuman AG. The growing importance of clinical ethics consultation in hospitalized patients. Washtenaw County Medical Society, Ann Arbor MI; November 2017.

Shuman AG, Spector-Bagdady K. Implications of the common rule revisions for biospecimen research. Great Lakes Biorepository Research Network Annual Scientific Meeting. Royal Oak, MI; Nov 2017.

Shuman AG. Introduction to medical ethics. Michigan State Medical Society; Aug 2017.

Shuman AG. Developing an institutional approach to critical drug shortages. Pharmacological Sciences and Bio-related Chemistry Symposium. University of Michigan; March 2017.

Shuman AG. Conceiving a rational approach to drug shortages. MSMS Annual Ethics Meeting: Ethical Issues in the Pharmaceutical Industry. Ann Arbor MI: Nov 2016.

Shuman AG (moderator). Ethical, Legal and Social Implications of Learning Health Systems Symposium. Ann Arbor, MI: Nov 2016.

Shuman AG, Vercler C. When not to operate: the dilemma of surgical unresectability. Center for Bioethics and Social Sciences in Medicine Research Colloquium. Ann Arbor, MI: May 2014.

Shuman AG. The ethics of parental refusal of hearing rehabilitation. University of Michigan Bioethics Research Colloquium. Ann Arbor, MI; May 2011.

Shuman AG, Smith LB. Exploring the limits of autonomy. Medical Ethics Resource Network (MERN) of Michigan Annual Meeting. Lansing, MI; May 2010.

Shuman AG. Telling patients what we do not know: HPV and head and neck cancer. UMHS Bioethics Grand Rounds. Ann Arbor, MI; May 2010.

Shuman AG. An assessment of end-of-life care in head and neck cancer. UMHS Krause Lectureship, Ann Arbor, MI; June 2009.

Shuman AG. Just trust me: a discussion of arrogance in medicine. UMHS Bioethics Grand Rounds, Ann Arbor, MI; October 2004.

Publications in Peer-Reviewed Literature

1. **Shuman AG**. What's in a name: the evolving nomenclature of thyroid cancer. *JAMA Otolaryngol Head Neck Surg*. 2018 (In press).
2. Hawkins PG, Mierzwa ML, Bellile E, Jackson WC, Malloy KM, Chinn SB, Spector ME, **Shuman AG**, Stucken CL, McLean SA, Bradford CR, Prince ME, Carey TE, Worden FP, Swiecicki PL, Taylor JMG, Wolf GT, Eisbruch A, and Casper KA. Impact of American Joint Committee on Cancer 8th Edition clinical stage and smoking history on oncologic outcomes in human papillomavirus-associated oropharyngeal squamous cell carcinoma. *Head Neck*. 2018 (In press).
3. Bailoor K, Valley T, Perumalswami C, **Shuman AG**, DeVries R, Zahuranec DB. How acceptable is paternalism? A survey-based study of clinician and non-clinician opinions on paternalistic decision making. *AJOB Empir Bioeth*. 2018 (In press).
4. Ambrose EC, Devare J, Truesdale CM, Ricker E, Firn J, Thorne MC, **Shuman AG**, Cabrera-Muffly C. Two novel approaches to improve otolaryngology resident wellness: The ACGME Back to Bedside Initiative. *Otolaryngol Head Neck Surg*. 2018 (In press).
5. Yerramilli D, Kovatch KJ, Chan AW, Margalit DN, Swiecicki P, **Shuman AG**. Palliative head and neck cancer treatment for asymptomatic disease. *Otolaryngol Head Neck Surg*. 2018 (In press).
6. Bailoor K, Kamil LH, Goldman E, Napiewocki LM, Winiarski D, Vercler CJ, **Shuman AG**. The voice is as mighty as the pen: integrating conversations into advance care planning. *J Bioeth Inq*. 2017 (In press).
7. Hoban CW, Beesley LJ, Belille EL, Sun Y, Wolf GT, Spector ME, Taylor JMG, **Shuman AG**. Individualized outcome prognostication for patients with laryngeal cancer. *Cancer* 2018; 124(4):706-716.
8. Spector-Bagdady K, **Shuman AG**. Broad consent for head and neck cancer research: Counterpoint. *Otolaryngol Head Neck Surg*. 2018; 158(5):835-838.
9. Rosko AJ, Birkeland AC, **Shuman AG**, Spector ME. Hypothyroidism and wound healing after salvage laryngectomy. *Ann Surg Oncol* 2018; 25(5):1288-1295.
10. Marchiano EJ, Birkeland AC, Swiecicki PL, Spector-Bagdady K, **Shuman AG**. Revisiting expectations in an era of precision oncology. *Oncologist*. 2018; 23(3):386-388.
11. Cramer J, **Shuman AG**, Brenner M. Antithrombotic therapy for VTE and prevention of thrombosis in otolaryngology - head and neck surgery. *Otolaryngol Head Neck Surg* 2018; 158(4):627-636.
12. Spector-Bagdady K, **Shuman AG**. Reg-ent within the learning health system. *Otolaryngol Head Neck Surg*. 2018; 158(3):405-406.
13. **Shuman AG**. Contemplating resectability. *Hastings Cent Rep* 2017; 47(6):3-4.

14. Hoesli R, Birkeland AC, Rosko AJ, Issa M, Chow KL, Michmerhuizen NL, Mann JE, Chinn SB, **Shuman AG**, Prince ME, Wolf GT, Bradford CR, McHugh JB, Brenner JC, Spector ME. Proportion of CD4 and CD8 tumor infiltrating lymphocytes predicts survival in persistent/recurrent laryngeal squamous cell carcinoma. *Oral Oncol.* 2018; 77:83-89.
15. VanKoevering KV, Marchiano E, Walline H, Carey TE, McHugh JB, Brenner JC, Goudsmit CM, Bellile E, Spector ME, **Shuman AG**. An algorithm to evaluate suspected lung metastases in patients with HPV-associated oropharyngeal cancer. *Otolaryngol Head Neck Surg* 2018; 158(1):118-121.
16. Manohar PM, Sapir E, Bellile E, Swiecicki P, Prince ME, **Shuman AG**, Bradford CR, Chepeha DB, Wolf GT, Eisbruch A, Worden FP, Spector ME. Capecitabine after surgical salvage in recurrent squamous cell carcinoma of head and neck. *Otolaryngol Head Neck Surg.* 2017; 157(6):995-997.
17. Rosko AJ, Birkeland AC, Chinn SB, **Shuman AG**, Prince ME, Patel RM, McHugh JB, Spector ME. Survival and margin status in head and neck radiation-induced sarcomas and de novo sarcomas. *Otolaryngol Head Neck Surg.* 2017; 157(2):252-259.
18. Birkeland AC, Beesley L, Bellile E, Rosko AJ, Hoesli R, Chinn SB, **Shuman AG**, Prince ME, Wolf GT, Bradford CR, Brenner JC, Spector ME. Predictors of survival after total laryngectomy for recurrent/persistent laryngeal squamous cell carcinoma. *Head Neck.* 2017; 39(12):2512-2518.
19. Birkeland AC, Rosko AJ, Beesley L, Bellile E, Chinn SB, **Shuman AG**, Prince ME, Wolf GT, Bradford CR, Brenner JC, Spector ME. Preoperative tracheostomy is associated with poor disease-free survival in recurrent laryngeal cancer. *Otolaryngol Head Neck Surg.* 2017;157(3):432-438.
20. Smith JD, Birkeland AC, Goldman EB, Brenner JC, Carey TE, Spector-Bagdady K, Goldman EB, **Shuman AG**. Immortal Life of the Common Rule: Ethics, Consent, and the Future of Cancer Research. *J Clin Oncol.* 2017 2017; 35(17):1879-1883.
21. Gainor DL, Marchiano E, Bellile E, Spector ME, Taylor JMG, Wolf GT, Hogikyan ND, Prince ME, Bradford CR, Eisbruch A, Worden F, **Shuman AG**. Survival outcomes in patients with T2N0M0 (stage II) squamous cell carcinoma of the larynx. *Otolaryngol Head Neck Surg* 2017; 157(4):625-630.
22. Wertz A, Mannarelli G, **Shuman AG**, McKean EM. Comprehensive hearing aid intervention at a free subspecialty clinic. *JAMA Otolaryngol Head Neck Surg* 2017; 143(9):876-880.
23. Kovatch K, Hoban C, **Shuman AG**. Thyroid cancer surgery guidelines in an era of de-escalation. *Eur J Surg Oncol* 2017 S0748-7983(17)30371-2.
24. Hoesli R, **Shuman AG**, Bradford CR. Decision making for diagnosis and management: a consensus comes to life. *Otolaryngol Clin North Am.* 2017; 50(4):783-792.
25. Rosko A, Birkeland A, **Shuman AG**, Prince ME, Bradford CR, Wolf GT, Worden F, Eisbruch A, Srinivasan A, Wong KK, Spector ME. PET-CT prediction of occult nodal metastasis in recurrent laryngeal cancer. *Head Neck* (In press).
26. Hauschildt K, Paul TK, De Vries R, Lauren B. Smith LB, Vercler CJ, **Shuman AG**. The use of an online comment system in clinical ethics consultation. *AJOB Empir Bioeth* 2017; 8(3):153-160.

27. Smith JD, **Shuman AG**, Riba MB. Psychosocial issues in patients with head and neck cancer: an updated review with a focus on clinical interventions. *Curr Psychiatry Rep* 2017; 19(9):56.
28. Smith JD, Spector-Bagdady K, **Shuman AG**. Head and neck cancer research ethics: a primer. *Int J Head Neck Surg* 2017; 8(2):49-56.
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References

To be provided upon request.