

Curriculum Vitae

Alexander G. Chiu, M.D.

Education:

June 1994	B.S.	Union College (7-year B.S., M.D.)
May 1997	M.D.	Albany Medical College

Postgraduate Training and Fellowship Appointments:

6/1997-6/1998	Intern, Surgery, Georgetown University Hospital, Washington DC
7/1998-6/2002	Resident, Otolaryngology-Head and Neck Surgery, Georgetown University Hospital, Washington, DC
7/2001-6/2002	Administrative Chief Resident in Otolaryngology, Georgetown University Hospital, Washington, DC
7/2002-6/2003	Fellow, Rhinology and Sinus Surgery, Stanford University, Stanford, CA
9/2004-6/2005	Patient Oriented Research Training Program, University of Pennsylvania, Philadelphia, PA
9/2011-6/2012	University of Arizona Academic Leadership Institute
3/2021	Coursera, Health Care Innovation Certificate
5/2021	Harvard Medical School Executive Course, Leading Digital Transformation in Healthcare

Faculty Appointments:

7/2002-6/2003	Clinical Instructor, Division of Otolaryngology, Department of Surgery, Stanford University Medical Center
7/2003-5/2008	Assistant Professor, Department of Otorhinolaryngology-Head and Neck Surgery, University of Pennsylvania School of Medicine
5/2008-8/2010	Associate Professor, Department of Otorhinolaryngology-Head and Neck Surgery, University of Pennsylvania School of Medicine
9/2010 -10/2014	Chief, Division of Otolaryngology-Head and Neck Surgery Professor with Tenure, Department of Surgery University of Arizona College of Medicine
8/2013– 8/2014	Interim Department Chair Department of Surgery University of Arizona College of Medicine Tucson, AZ
10/2014 – 6/2016	Founding Department Chair Professor with tenure Department of Otolaryngology-Head and Neck Surgery

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University of Arizona College of Medicine
Tucson, AZ
7/2016 – present Russell E. Bridwell, M.D. Department Chair
Professor with tenure
Department of Otolaryngology-Head and Neck Surgery
University of Kansas School of Medicine
Kansas City, KS
10/2021 – present Founding Scientific Executive Director
Digital Health Co/Lab at the University of Kansas (Formerly known as
the Center for Health Innovation and Transformative Care at the
University of Kansas)

Hospital and/or Administrative Appointments:

1/2004 - 8/2010 Director, Otorhinolaryngology Allergy Clinic, University of
Pennsylvania
1/2004 - 12/2007 Co-Director, Rhinology Fellowship, University of
Pennsylvania
1/2008 - 8/2010 Director, Rhinology and Endoscopic Skull Base Surgery
Fellowship Program, University of Pennsylvania
9/2010 - 10/2014 Chief, Division of Otolaryngology-Head and Neck Surgery,
Department of Surgery
University of Arizona
3/2012 - 3/2015 Founding Residency Program Director, Otolaryngology-Head and
Neck Surgery, University of Arizona
2/2011 - 8/2013 Medical Director, Department of Surgery Multispecialty
Clinics, University of Arizona Medical Center
1/2013 - 2/2014 Secretary/Treasurer, Medical Staff, University of Arizona Medical
Center
1/2013 - 6/2014 Executive Director of Perioperative Services, University of Arizona
Medical Center
8/2013 - 8/2014 Surgery Service Line Chief, University of Arizona Health Network
9/2010 - 6/2016 Otolaryngology Service Line Chief, University of Arizona Health
Network
7/2014 - 3/2015 Chair, University of Arizona Physicians Practice Plan Oversight Board
1/2015- 6/2016 Fellowship Director, Rhinology and Skull Base Surgery Fellowship,
University of Arizona
3/2015- 6/2016 University of Arizona Presidential appointee to the Academic
Management Council Board of Directors, Banner-University of
Arizona Academic Division (6-person board with oversight of all
academic and clinical activities of the Banner-UA Academic medical
groups in Tucson and Phoenix)
10/2015 - 6/2016 Co-Chair, Academic Management Council Board of Directors, Banner
University Academic Division. Appointed by University of Arizona
President Ann Weaver Hart
7/2016 – present Otolaryngology Service Line Chief, Kansas University Medical Center,
Kansas City

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7/2016 – present

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Rhinology and Skull Base Surgery Fellowship Director, University of Kansas

Awards, Honors and Membership in Honorary Societies:

1993	Phi Beta Kappa Society – Union College
1994	Excellence in Biochemistry Award – Albany Medical College
1994	Dean's Letter of Commendation for Scholastic Excellence
1996	Alpha Omega Alpha Society-Elected in Junior Year
1997	The John Milton Bigelow Prize-top student in otolaryngology
1997	The Alden March Prize – top student in clinical surgery
1997	The Lamb Foundation, Inc Prize-student who most nearly approached the ideal in patient-doctor relationships
1999	1 st place Resident Research Award-Annual Academy of Pediatrics, Section of Otolaryngology and Bronchoesophagology
2000	2 nd place Resident Research Award-MedAtlantic Resident Research Day
2002	Roy B. Sessions Award-top graduating resident in otolaryngology
2006	American Rhinologic Society Young Investigator Award
2006	American Rhinologic Society Cottle Award
2007-2008	Joseph Atkins, M.D. Faculty Resident Teaching Award – Given to one faculty member of the University of Pennsylvania Otorhinolaryngology Department by the graduating residents
2007	Consumers' Research Council of America "Guide to America's Top Physicians"
2007	Marquis Who's Who in America
2008-2015	Patient's Choice Award - www.vitals.com
2009	Best Ear, Nose and Throat Doctor, Main Line Times
2009-2020	"Best Doctors in America" Selected by Best Doctors, Inc.
2009	Honor Award – American Academy of Otolaryngology-Head and Neck Surgery
2010	Best Doctors List. Suburban Life Magazine
2010	Best Doctors List. Southern Jersey Magazine
2010-2016	Best Docs. Tucson Lifestyle Magazine
2012-	Fellow, Triological Society
2013 -2021	Top Doctor, Castle and Connolly
2015	Banner-University Medical Group Endless Possibilities Leadership Award
2016	Banner University Medical Group Amazement Award – In recognition of the work performed during the Banner-UA integration
2017-2020	435 Kansas City Magazine Top Doctors
2018	American Academy of Otolaryngology-Head and Neck Surgery Committee Excellence Award for Distinguished Service on the Practice Management Education Committee
2019	Apex Award for Publication Excellence – Writing. ENT today April 2018 issue. Alexander Chiu, M.D. and Samara Kuehne.

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- 2020 Apex Award for Publication Excellence – Writing. ENT today May 2019 issue. Alexander Chiu, M.D. and Samara Kuehne.
- 2020 American Academy of Otolaryngology-Head and Neck Surgery Distinguished Service Award.
- 2021 **He for She Award.** Inaugural Awardee. Section of Women in Otolaryngology, American Academy of Otolaryngology-Head and Neck Surgery. Awarded to a male otolaryngologist who has been an exemplary mentor, sponsor and champion of women in otolaryngology.

Board Certification:

- 2003 American Board of Otolaryngology-Head and Neck Surgery
- 2013 Re-certification, American Board of Otolaryngology-Head and Neck Surgery

Licensure:

- 1999-2002 District of Columbia
- 2002-2003 California
- 2003-2010 Pennsylvania
- 2010-2016 Arizona
- 2016- Kansas

Diversity, Equity and Inclusion:

I have made diversity, equity and inclusion central to all of my missions, from my role in leading the department at KU, to revamping the editorial board and content for ENT today, to starting a multi institutional collaborative of otolaryngology departments to address health inequity in our specialty.

In 2017, our department created the Eaton Hall lecture series to bring to KU national speakers who highlight issues around equity and inclusion. We revamped our monthly QI conferences to highlight social determinants of health that have impacted patient outcomes. We instituted an anti-racism journal club to our yearly educational curriculum and helped to organize a multi-department grand rounds on cultural complications. This culture of inclusion and equity has attracted one of the most diverse residency corps in otolaryngology, as over 25% of our residents are URiM and 44% are female.

In 2022, I developed a multi-institutional collaborative to address health inequities in otolaryngology. What started as 6 member departments has since grown to over 20. It has resulted in a CORE research award from the American Academy of Otolaryngology-Head and Neck Surgery (AAO), multiple scholarly publications and is now being incorporated as a formal committee within the AAO.

I have sponsored URiM and female faculty into the roles of journal associate editor, department executive vice-Chair, vice-chair for research, division director, and residency program director. After taking over as the editor in chief of ENT today, I revamped the editorial board and content. We were awarded the Apex award for writing excellence on articles written about gender pay disparity and health inequities in otolaryngology. In 2021, the Women in Otolaryngology Section of the AAO named me the inaugural recipient of the #HeforShe Award, recognizing my efforts in sponsoring and mentoring women otolaryngologists.

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And as much as our aim is to have a broad impact, we strive to never overlook our backyard and the community we serve. Our department is engaged in a number of community events and volunteer activities. This past May, we partnered with the William Jewell College soccer team to host a one day soccer/wellness clinic called Goals for health: fiesta, salud y futbol. This event hosted over 400 kids and their families in northeast KC, a community rich in Latinx and immigrant families. With over 40 volunteers from the department, the event featured stations highlighting the importance of HPV vaccination, clean air, smoking cessation and blood pressure control. Throughout the year, our department is active in participating in community park clean-ups, food shelters and holiday toy drives. We are intentional in being active members of our community, both as health leaders and good neighbors.

Memberships in Professional and Scientific Societies and Other Professional Activities:

National:

2001-present	American Academy of Otolaryngic Allergy
2002-present	American Academy of Otolaryngology-Head and Neck Surgery
2002-present	Society of University Otolaryngologists
2003-present	Fellow, American Rhinologic Society
2009-present	North American Skull Base Society
2012-present	Fellow, Triological Society
2013	Alternate Guest Examiner, American Board of Otolaryngology
2014, 2015	Guest Examiner, American Board of Otolaryngology Oral Certifying Exam, Chicago, IL.
2017, 2018	Guest Examiner, American Board of Otolaryngology
2019, 2020	Experienced Examiner, American Board of Otolaryngology
2015-2018	Governor, American Academy of Otolaryngology Board of Governors. American Rhinologic Society Representative to the Board
2020	External Reviewer, Wayne State University Department of Otolaryngology Academic Program Review
2023 -	Member, Platform Governance Advisory Board, Vale Health
2023 -	Member, Abundant Alliance Health Board

Local:

2005-2010	Pennsylvania Academy of Otolaryngology (Program Coordinator – Otolaryngic Allergy Session at the Annual Meeting of the Pennsylvania Academy of Otolaryngology, 2006)
2010-2016	Arizona Society of Otolaryngology-Head and Neck Surgery
2016-present	Kansas Society of Ophthalmology and Otolaryngology
2024	Event Director, <i>Goals for Health: Fiesta, salud y futbol</i> . Joint effort between William Jewell Soccer and KU Department of Otolaryngology. A community youth soccer clinic and wellness day in Northeast Kansas City.

Education and Training Activities:

2003-2010	Co-Director, Division of Rhinology fellowship in rhinology and sinus surgery
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Fellows – Noam Cohen MD, PhD, Ing Ruen Lim MD, Jivianne Lee MD, Alexis Jackman MD, Bradford Woodworth MD, Kevin Welch MD

2003-2010 OTO 200 lecture – "Clinical Case Presentations"

2003-2010 Weekly Resident Rhinology Case Conference

2003-2010 Co-director, Rhinology CME Mini-Fellowship – visiting MD spends 4 days with the staff of the division of rhinology – 10 minifellows/year

2003-2010 Otorhinolaryngology Resident Lectures – "Medical Management of Chronic Rhinosinusitis"

2003- 2010 Otorhinolaryngology Resident Lectures – "Otolaryngic Allergy"

2003-2010 OTO 300 – Clinical Clerkship – Instructing medical students in the operating room and clinics

2003-2010 OTO 200 – Instructing medical students in the operatig room and clinics

2004 Fellow research paper, Fellow – Alexis Jackman, MD, Project – The Role of the Underlying Bone in an Inverting Papilloma

2004 Fellow research project, Fellow – Jivianne Lee, MD, Project – Prospective review of sinus osteitis in patients undergoing functional endoscopic sinus surgery

2004-2010 Member of the training faculty of the Training in Neurobiology of Otorhinolaryngology training grant – University of Pennsylvania

2004-2005 Course Director, Penn Nasal Endoscopy Course

2004-2006 "Sinusitis and Pregnancy" Department of Ob/Gun, Teaching conference, University of Pennsylvania, Philadelphia, PA

2005 OTO 300 research project, Student – Avner Aliphas

Project – The role of anti-IgE monoclonal antibody in the Treatment of chronic rhinosinusitis

2005 Resident research project, Resident – Luv Javia, MD, Project – Efficacy of topical medications in an animal model of sinusitis

2005-2010 Course Co-Director, Penn International Rhinology Course

2005-2010 Course Co-Director, Penn Endoscopic Skull Base Course

2005 Grand Rounds – Division of Allergy and Immunology Grand Rounds, University of Pennsylvania. "FESS: Does it work?"

2005-2010 "Acute and Chronic Rhinosinusitis" Teaching conference for Student Health Services, University of Pennsylvania Philadelphia, PA

2005-2006 Fellow Research Projects, Fellow – Satish Govindaraj, M.D. Projects – Trans-septal approach to frontal sinus tumors and Surgical Management of Lateral Frontal Sinus Lesions

2005-2007 Mentor – Post-graduate Fellow Research Project. Marelllo Antunes, M.D. Project – Topical Medications in an Animal Model of Sinusitis

2005 "Extended Medical Management of Sinusitis", "Endoscopic Management of Epistaxis", "Anti-Inflammatories", "Cadaveric Demonstration Dissection of Repair of CSF Leaks". The Penn International Rhinology Course, Philadelphia, PA

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2005	"Image Guidance and Skull Base Surgery". UPenn Skull Base Endoscopy Course, Philadelphia, PA
2006	Grand Rounds – Department of Neurosurgery, University of Pennsylvania. "Image Guided Surgery"
2006	Mentor – Medical Student Research Rotation – Jonathan Liang (University of Pennsylvania) Project: Frontal Sinus Stenting in a Rabbit Model
2006	"Comprehensive Treatment of Epistaxis", "Endoscopic Anatomy of the Frontal Recess", "Panel on Difficult Frontal Sinus Cases", "Panel on Medical Management of Chronic Sinusitis". Penn International Rhinology Course, Philadelphia, PA
2007	Mentor – Resident Research Rotation. Joel Guss, M.D. Project – Olfaction in allergic and non-allergic rhinitis.
2007-2010	Mentor – Resident Research Rotation. Sri Kiran Chennupati, M.D. Project – Topical Colistin in an Animal Model of Sinusitis
2007	Grand Rounds – Division of Allergy and Immunology, University of Pennsylvania. "Fungal Rhinosinusitis"
2007	Fellow Research Projects, Fellow – Brad Woodworth, M.D. Project – Intraoperative CT Real Time Updates for IGS
2007	"Chronic Rhinosinusitis Panel", "Demonstration Cadaver Dissection of Extended Frontal Sinus Proceures", "Anatomy of the Frontal Recess". The Penn International Rhinology Course, Philadelphia, PA
2008-2009	Mentor – Samuel Hahn. UPenn 4 th year medical student. Research Project: Indications for External Approaches to the Frontal Sinus for Inflammatory Disease
2008-2009	Mentor – Michael Purkey, University of Pennsylvania Medical Student
2010-2010-	Coordinator, UA Otolaryngology Grand Rounds Lecture Series
2010-	Coordinator, University of Arizona 3 rd and 4 th year medical student rotations, Otolaryngology
2006-2010	Director, Rhinology and Skull Base Surgery Fellowship Director, University of Pennsylvania
2012- 2015	Program Director, Otolaryngology Residency, University of Arizona
2010-2013	Director, Otolaryngology Medical Student Education Series, University of Arizona
2014-2016	Director, Rhinology and Skull Base Surgery Fellowship, University of Arizona
2016-2021	Director, Neurorhinology Fellowship, University of Kansas
2016-2023	Co-Director, Clinical Research Fellowship, University of Kansas

Organizing Roles in Educational Scientific Meetings:

March 2004	Course Director, Penn Nasal Endoscopy Course Philadelphia, PA.
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March 2005	Course Director, Penn International Rhinology Course Philadelphia, PA.
March 2006	Course Director, Penn International Rhinology Course Philadelphia, PA.
June 2006	Session Coordinator – Allergy and Rhinosinusitis, Pennsylvania Academy of Otolaryngology Annual Meeting, Skytop, PA.
March 2007	Course Director, Penn International Rhinology Course Philadelphia, PA.
April 2007	Session Moderator Spring Meeting of the American Rhinologic Society San Diego, CA.
April 2007	Program Planning Committee Spring Meeting of the American Rhinologic Society San Diego, CA.
September 2007	Moderator, Panel of Surgical Management of the Unified Airway, Joint Meeting of the American Academy of Otolaryngic Allergy and American Rhinologic Society Washington, D.C.
September 2007	Program Planning Committee Annual Meeting of the American Rhinologic Society Washington DC.
September 2007	Program Planning Committee - Joint Meeting of the American Academy of Otolaryngic Allergy and American Rhinologic Society, Washington, D.C.
September, 2007	Session Moderator - Annual Meeting of the American Rhinologic Society Washington, D.C.
September 2007	Session Coordinator Video Poster Presentation Annual Meeting of the American Rhinologic Society Washington, D.C.
March 2008	Course Director, The Penn International Rhinology Course Philadelphia, PA.
September 2008	Chair, Video Presentation Program for the Annual Meeting of the American Rhinologic Society, Chicago, IL.
March 2009	Course Director, The Penn International Rhinology Course Philadelphia, PA.
June 2009	Chair - Rhinology Session. Annual Meeting of the Pennsylvania Academy of Otolaryngology, Bedford Springs, PA.
April 2009	Chair, Clinical Science Organizing Committee for RhinologyWorld 2009: Combined Meeting of the International Rhinologic Society, American Rhinologic Society and International Society for Infection and Allergy in the Nose Philadelphia, PA.
March 2010	Course Director, The Penn International Rhinology and Skull Base Surgery Course, Philadelphia, PA.
February 2011	Conference Chair, North American Rhinology and Allergy

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	Conference, San Juan, PR.
February 2012	Conference Chair, North American Rhinology and Allergy Conference, San Juan, PR.
February 2013	Conference Chair, North American Rhinology and Allergy Conference, San Juan, PR.
March 2013	Course Director, ENT in the Desert, Tucson, AZ.
February 2014	Conference Chair, North American Rhinology and Allergy Conference, San Juan, PR.
February 2014	Course Director, ENT in the Desert, Tucson, AZ.
November 2014	Symposium Director and Host. Tips, Pearls and Controversies in Rhinology: A Global Web Symposium, Akron, OH.
February 2015	Conference Chair, North American Rhinology and Allergy Conference, Boca Raton, FL.
February 2015	Conference Chair, ENT in the Desert, Tucson, AZ.
February 2016	Conference Chair, North American Rhinology and Allergy Conference, St. Thomas, US Virgin Islands
March 2016	Conference Chair, ENT in the Desert, Tucson, AZ.
November 2017	Conference Chair, Emerging Techniques and In-Office Technologies in Otolaryngology: From Application to Reimbursement. Kansas City, KS.
February 2019	Conference Chair, ENT in the Desert, Scottsdale, AZ.
June 2019	Course Director, University of Kansas Resident Research Day
January 2020	Course Director, University of Kansas Midwinter Ski Meeting, Copper Mountain, CO.
April 2023	Course Director, ENT in Napa. Napa, CA

Editorial Responsibilities:

2003-present	Journal Reviewer, Otolaryngology-Head and Neck Surgery
2003-present	Journal Reviewer, Laryngoscope
2003-2007	Journal Reviewer, American Journal of Rhinology
2005-2007	Editorial Consultant, American College of Physicians – Peer Institute Education Resource – Nasal endoscopy module
2006	Journal Reviewer, Annals of Otolaryngology and Laryngology
2007-present	Editorial Board, Journal of Otorhinolaryngology and its Related Specialties
2008-2010	Associate Editor/American Journal of Rhinology and Allergy
2008	Editorial Board, American Journal of Rhinology
2010	Editor. "Prevention and Management of Complications in Sinus and Skull Base Surgery." Otolaryngology Clinics of North America
2010-present	Editorial Board, Allergy and Rhinology
2016-present	Editorial Board, Sinusitis
2016-present	Editorial Board, American Journal of Rhinology and Allergy
2010-2016	Editor-in-Chief. American Journal of Rhinology and Allergy (2012 Impact Factor of 2.312 – 9/41 otolaryngology journals)
2017-2022	Editor-in-Chief, ENT Today (#1 circulated otolaryngology publication, #1 read otolaryngology publication by Kantar Survey in 2018-2020s,

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#1 total readers in Otolaryngology by Kantar Survey, 2019, 2020-2022
Apex Award Winner for Writing Excellence)

National Academic Committees:

2003 - 2010	Fellowship Education Committee, American Rhinologic Society
2003 - 2008	Information Technology Committee, American Rhinologic Society
2008 - 2009	Chair, Information Technology Committee, American Rhinologic Society
2006 - 2008	American Academy of Otolaryngic Allergy Academic Workshop
2005 - 2009	Corporate Support Committee, American Rhinologic Society
2006 - 2009	Program Committee, American Rhinologic Society
2009 – 2014	Rhinology and Paranasal Sinus Committee, American Academy of Otolaryngology-Head and Neck Surgery
2010 – 2016	Otolaryngology Journal Editors Committee, American Academy of Otolaryngology-Head and Neck Surgery
2012 – present	Triological Society Best Practices Committee
2014	Nominating committee, Western Section, Triological Society
2015	Program Planning Committee, Spring Meeting of the Triological Society, Boston, MA
2016	Program Planning Committee, Combined Sectional Meetings of the Triological Society, Miami Beach, FL.
2016 - 2019	Elected member, American Rhinologic Society Rhinology Training Council
2016 – 2018	Governor, Board of Governors. American Academy of Otolaryngology-Head and Neck Surgery
2017	George Adams Young Faculty Award Nominating Committee, Middle Section, Triological Society
2017 - 2020	Member, American Academy of Otolaryngology-Head and Neck Surgery Allergy and Immunology Committee
2017 - 2020	Member, American Academy of Otolaryngology-Head and Neck Surgery Board of Governors Practice Management Education Committee
2017 – 2022	Leadership Council, Triological Society
2017 - 2020	Chair, American Rhinologic Society Bylaws Committee
2020	Program committee, Annual Meeting of the Triological Society
2021 – 2023	Director (Academic), Board of Directors, American Academy of Otolaryngology-Head and Neck Surgery

Institutional Committees:

University of Pennsylvania

2003-2010	Department of Otorhinolaryngology-Head and Neck Surgery Residency Selection Committee, University of Pennsylvania
2005-2010	Member, UPenn Comprehensive Sarcoidosis Care Program

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2005-2010 Member of Training Faculty, Training in Neurobiology of Otorhinolaryngology Training Grant – University of Pennsylvania
2005-2010 Member, UPenn HHT Center
2007-2010 Member, Department of Otorhinolaryngology Resident Research Advisory Committee

University of Arizona

2010 - 2014 Department of Surgery Executive Committee, University of Arizona
2010 - 2016 Associate Investigator, Arizona Cancer Center, University of Arizona
2010 - 2014 UA Department of Surgery Patient Satisfaction Committee
2010 - 2016 University of Arizona Medical Center Perioperative Services Committee
2011- 2013 Faculty Senate, University of Arizona
2011- 2012 University of Arizona College of Medicine Strategic Planning Committee
2011- 2013 Department of Surgery Promotions and Tenure Committee
2011- 2016 Alternate Member, University of Arizona Institutional Review Board
2012 - 2016 University of Arizona College of Medicine GME Committee
2012 Dean appointed Chair, University of Arizona College of Medicine Department of Surgery 5 Year Review
2013 Dean appointed member, University of Arizona Health Network/
University of Arizona College of Medicine Alignment Task Force
2013 - 2014 Secretary/Treasurer, Medical Executive Committee, University of Arizona Medical Center
2013 - 2014 Chair, UAMC Perioperative Services Reinvention Task Force
2013 - 2014 Member, UAHN/COM Strategic Planning Committee on Financial Sustainability
2013 - 2014 Chair, OR Product Evaluation Committee
2013 - 2014 Chair, OR Executive Committee
2013 Member, UAHN Faculty Practice Committee
2013 - 2016 Member, U of A Council of Academic Heads
2013 - 2014 Member, UAHN Practice Plan Oversight Board
2013 - 2014 Member, UAHN Organ Transplant Service Operations Committee
2013 Dean appointed physician Chair, UAHN Coding Alignment Initiative
2013 Dean appointed physician Chair, UAHN System Retention Initiative
2014 Member, UA COM Chair of Medicine Search Committee
2014 Dean appointed member, UA Practice Plan Compensation Work Group
2014 Physician Lead, Banner-UAHN Integration Committee
2014 Physician Co-Lead, Banner Academic Medical Group – University of Arizona Physician Practice Plan Academic Integration
2014 Faculty Mentor, Faculty Fellows Mentoring Program for Underrepresented Minority Faculty
2014 Chair, Faculty Practice Group Committee

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2014	Banner-UAMC Revenue Cycle Committee
2014	Banner-UAMC Labor Committee
2015	Internal Reviewer, University of Arizona Department of Anesthesiology Academic Program Review
2015	Chair, Banner University Medical Division Committee on Compensation
2015	Chair, Banner University Medical Division Committee on Faculty Affairs
2015	Chair, UA COM Deans Work Group on Community Outreach
2015 - 2016	Chair, UA COM Faculty Forward Committee on Faculty Affairs
2015 - 2016	Arizona Health Sciences Center Representative, University of Arizona Foundation President and CEO Search Committee
2015 - 2016	Member, Banner University Medical Center OR Steering Committee
2015 - 2016	Member, Banner University Medical Group Finance Committee
2016	Internal Reviewer, University of Arizona Department of Radiation Oncology Academic Program Review
2016	Internal Reviewer, University of Arizona Department of Anesthesiology Academic Program Review

University of Kansas

2016 - present	Member, Executive Committee Medical Staff, University of Kansas Hospital
2016 - present	Member, Kansas University Medical Center Peri-operative Executive Committee
2016 - present	Elected Member – Department Chair Representative, University of Kansas Physicians Executive Board
2017	Appointed Member, University of Kansas School of Medicine Search Committee for Chair, Department of Medicine
2017 - present	Appointed Member, University of Kansas Physicians Finance Committee
2017 - present	Appointed Member, University of Kansas Physicians Executive Committee
2017 - present	Appointed Member, University of Kansas Physicians Nominating Committee
2018 - present	Appointed Member, SVP Cabinet for Clinical Affairs, University of Kansas Health System
2018 - 2019	Chair, Search Committee for Executive Dean of University of Kansas Medical Schools, University of Kansas
2019 - present	Secretary, University of Kansas Physicians
2019 - 2020	Appointed Member, University of Kansas Physicians PSA Renegotiation Committee
2019 - present	Appointed Member, University of Kansas Physicians Human Resources Committee
2019 - present	Appointed Member, Kansas University Medical Center Cabinet on Diversity and Inclusion
2019 - present	Secretary, University of Kansas Physicians
2022	Member, Physician-in-Chief Cancer Center search committee

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2023 – present

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Appointed member, Value Based Compensation Executive Committee
Chair, Search committee for Chair, Department of Urology

Clinical Activities:

For the past 8+ years I have been department chair at Kansas, I have maintained a .6 cFTE. This would consist of 1.5 days/week in clinic and 1.5 days/week in the operating room. I generate an annual average of 7200 wRVU's and perform 120 operating room cases/year.

Research Funding:

Current:

Eaton Hall Lecture Series for Equity and Inclusion. Peter Bohan Award. University of Kansas Medical Center. 7/2018 – current. 10K/year (Role: PI).

Past:

Novel Anti-inflammatory Therapy for Smoke-associated Chronic Rhinosinusitis^[L]Funding Source: Flight Attendant Medical Research Institute CIA160011. 7/2017 – 6/2021
Principal Investigator: Matthias Salathe (Role: co-I)

Validation of AROMA (Affordable, Rapid Olfaction Measurement Array) in Sinonasal & Neurocognitive Disorders. Funding source: University of Kansas Frontier Clinical and Translational Pilot Research Grant Program. July 2018-June 2019 (Jennifer Villwock, MD, PI) \$19,738 direct costs. (Role: Co-I and Mentor).

AORMA: Longitudinal Olfactory Monitoring in Allergic Rhinitis. Funding Source: American Academy of Otolaryngic Allergy. April 2019 – March 2020. (Jennifer Villwock, Alexander Chiu, M.D., co-PI) 15,000 annual costs (Role: co-PI).

Impact of Immediate Topical Probiotics on Post-FESS Microbiome and Healing: A Randomized Controlled Trial. Funding source: Probiomase. April 2017-April 2018 (Alexander Chiu, co-PI), 67,721/annual costs. (Role: co-PI)

The effect of maxillary sinus balloon dilatation versus traditional endoscopic maxillary antrostomy on the local microbiome and Nitric Oxide levels in patients with chronic rhinosinusitis without polyps. Funding source: Acclarent, Inc. June 2015 – June 2016. (Alexander Chiu, PI), \$79,812/annual costs, 5% effort (Role: PI).

Improving patient compliance through office video recordings. Funding source: Banner Health. May 2016 – May 2017. (Christopher Le, PI), \$2,500 (Role: Mentor, co-I).

Efficacy of a Topical Antimicrobial Peptide Against Rabbit Sinonasal Pseudomonas Biofilms. Funding source: Octoplus N.V., 1/2008-12/2008 (Alexander Chiu, PI), \$85,743/annual direct costs, 5% effort (Role: PI).

Use of Intraoperative CT Scanning for Endoscopic Skull Base Surgery. Funding source:

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Xoran Technologies, 4/2007-4/2008 (Alexander Chiu, M.D., PI), \$14,500/annual direct costs, 2% effort (Role: PI).

Efficacy and Toxicity of Pressurized Citric Acid-Zwitterionic Surfactant in the Treatment of Animal Sinonasal Biofilms. Funding source: Medtronic ENT, 3/2007-6/2008 (Alexander Chiu, M.D., PI), \$90,000/annual direct costs, 5% effort (Role:PI).

Efficacy of Topical Antibiotics in a Rabbit Model of Sinusitis, American Rhinologic Society Young Investigator Award, 7/2006-6/2008 (Alexander G. Chiu, M.D., PI), \$22,500/annual direct costs, 2.5% effort (Role: PI).

Sinus and Allergy Health Partnership Grant, Sinus and Allergy Health Partnership, 6/2006-6/2008 (Noam Cohen, MD, PhD, PI), \$90,000/annual direct costs, 2% effort (Role: co-I).

Phase II study: An Open Label Study of Azithromycin Pharmacokinetics in Sinus Mucosal Tissue and Plasma in Subjects with Chronic Rhinosinusitis Following a Single 2g Dose of Azithromycin Extended Release for Oral Suspension. Funding source: Pfizer, 10/2005-6/2006 (Alexander G. Chiu, M.D., PI), \$25,000/annual direct costs, 1% effort (Role: PI, multicenter trial).

Project: The effects of second hand smoke on the sinonasal biofilms. Funding source: Flight Attendants Medical Research Institute Grant, 5/2004-4/2007 (James Palmer, M.D., PI: Alexander Chiu, M.D., Co-Investigator), \$200,000/annual direct costs, 1% effort (Role: co-I).

Bibliography:

Research Publications, peer reviewed (print or other media):

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133. Carlton DA and **Chiu AG**. Do preoperative corticosteroids benefit patients with chronic rhinosinusitis with nasal polyposis? *Laryngoscope* 2019 Apr; 129(4): 773-774.
134. McCann A, Alvi SA, Newman K, Kakarala K, Staecker H, **Chiu A**. Atypical form of cervicofacial actinomycosis involving the skull base and temporal bone. *Ann Otol Rhinol Laryngol* 2019 Feb; 128(2): 152-156.
135. Kim AS, Willis AL, Laubits D, **Chiu AG**, et al. The effect of maxillary sinus antrostomy size on the sinus microbiome. *Int Forum Allergy Rhinol* 2019 Jan; 9: 30-38.
136. Workman AD, Brody RM, Kuan EC, Baranov E, **Chiu AG**, et al. Sinonasal undifferentiated carcinoma: A 15 year single institution experience. *J Neurol Surg B Skull Base* 2019 Feb; 80: 88-95.
137. Bhalla V, Sykes KJ, Villwock JA, **Chiu AG**. Draf IIb with superior septectomy: finding the “middle ground.” *Int Forum Allergy Rhinol* 2019 Mar; 9(3): 281-285.
138. Carlton DA, Beahm DD, **Chiu AG**. Sinonasal malignancies: Endoscopic treatment outcomes. *Laryngoscope Investig Otolaryngol* 2019 Feb; 4(2): 259-263.
139. Carlton DA, Beahm DD, **Chiu AG**. Topical antibiotic therapy in chronic rhinosinusitis: an update. *Int Forum Allergy Rhinol* 2019 May; (S1): S27-S31.
140. McCann A, Alvi SA, Newman J, Kakarala K, Staecker H, **Chiu AG**, Villwock JA. Atypical form of cervicofacial actinomycosis involving the skull base and temporal bone.

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Ann Otol Rhinol Laryngol 2019 Feb; 128(2): 152-156.

141. JA Villwock, Li J, Moore C, **Chiu AG**, Sykes KJ. Affordable rapid olfaction measurement array: a novel, essential oil-based test strongly correlated with UPSIT and subjective outcome measures. *Ann Otol Rhinol Laryngol* 2020 Jan; 129(1): 39-45.

142. Flynn JP, Pavelonis A, Ledbetter L, Bhalla V, Alvi SA, **Chiu AG**, Villwock J. The utility of computed tomography and intrathecal fluorescein in the management of cerebrospinal fluid leak. *Am J Rhinol Allergy* 2020 May; 34 (3): 342-347.

143. Smith JB, **Chiu AG**, Sykes KJ et al., Diversity in Academic Otolaryngology: An update and recommendations for moving from words to action. *Ear Nose Throat J* 2020 May 18.

144. Flynn JP, Villwock JA, **Chiu AG**. Appraising Otolaryngology-Head and Neck Surgery clinical practice guidelines for effective dissemination and implementation design. *Otolaryngol Head Neck Surg* 2020 Aug; 163 (2): 209-215.

145. Lee JC, Nallani R, Cass L, Bhalla V, **Chiu AG**, Villwock JA. A systematic review of the neuropathologic findings of post-viral olfactory dysfunction: Implications and novel insight for the Covid-19 pandemic. *Am J Rhinol Allergy* 2020 Sep 11; doi 10.1177.

146. Nallani R, Wichova H, McAroy JL, **Chiu AG**, Villwock JA. Incidence of odontogenic disease in patients with Pott's puffy tumor. *J Oral Maxillofac Surg* 2020 Aug 8; S0278-2391.

147. Li J, Palmer G, Shankar S, Vilwock MA, **Chiu AG**, et al. Adaptable essential oil olfactory test: Comparison of affordable rapid olfaction measurement array (AROMA) to Sniffin Sticks. *Oto Open* 2020; Oct 13;4(4)

148. Cummings EL, Fassas S, Sykes K, **Chiu AG**, Fox MG. Positional installation of intranasal steroids in the treatment of chronic rhinosinusitis: A systematic review of the literature. *Ear Nose Throat J* 2021 Jun; 100(5): 302-308.

149. Zack, DE, Stern DA, Willis AL, **Chiu AG** et al. The GSDMB rs7216389 SNP is associated with chronic rhinosinusitis in a multi-institutional cohort. *Int Forum Allergy Rhinol* 2021 Dec; 11(12):1647-1653.

150. Penn JP, Nallani R, Dimon EL, **Chiu AG** et al. Educational informed consent video equivalent to standard verbal consent for rhinologic surgery: a randomized controlled trial. *Am J Rhinol Allergy* 2021 Nov; 35(6): 739-745.

151. Kuan EC, et al. International consensus statement on allergy and rhinology: Sinonasal tumors. *Int Forum Allergy Rhinol* 2024 Feb; 14(2): 149-608.

152. Renslo B, Sawaf T, Virgen CG, **Chiu AG**, Clark JH. Quantifying faculty perception of diversity, equity and inclusion within academic otolaryngology-head and neck surgery departments. *Otolaryngol Head Neck Surg* 2023 Oct; 169(4): 890-898.

153. Fox MG, Cass LM, Sykes KJ, **Chiu AG**, Villwock JA. Factors affecting adherence to

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intranasal treatment for allergic rhinitis: A qualitative study. *Laryngoscope Investig Otolaryngol* 2022 Nov 29;8(1): 40-45.

154. Virgen C, Sawaf T, **Chiu AG**. Does surgery for nasal obstruction improve eustachian tube dysfunction. *Laryngoscope* 2023 Mar; 133(3): 451-453.

155. Karadaghy OA, Peterson AM, **Chiu AG**. Creation of a novel perioperative imaging review acronym to aid in revision endoscopic sinus surgery. *Otolaryngol Head Neck Surg* 2022 Oct;167(4): 611-619.

156. Nallani R, Subramanian TL, **Chiu AG**, et. al. A systematic review of head and neck cancer health disparities: A call for innovative research. *Otolaryngol Head Neck Surg* 2022 Jun; 166(6): 1238-1248.

157. Fassas SN, Peterson AM, Farrokhian N, **Chiu AG** et al. Sinus surgery and balloon sinuplasty: What do patients want to know? *Otolaryngol Head Neck Surg* 2022 Oct; 167(4): 777-784.

158: Somani SN, Yu KM, **Chiu AG**. Consumer Wearables for Patient Monitoring in Otolaryngology: A State of the Art Review. *Otolaryngol Head Neck Surg* 2022 Oct; 167(4): 620-631.

Research Publications, peer-reviewed reviews:

1. Chiu AG, Kennedy DW. Disadvantages of Minimal Techniques for Surgical Management of Chronic Sinusitis. *Current Opinion in Otolaryngology Head and Neck Surgery* 12(1): 38-42, February 2004.
2. Chiu AG and Kennedy DW. Surgical Management of Chronic Rhinosinusitis and Nasal Polyposis: A review of the evidence. *Current Opinion in Allergy and Asthma* 4: 486-89, November 2004.

Alternative Media:

1. Chiu AG, Newkirk KA, Davidson BJ: Advisory Board Medical Website. *Chronic Otitis Media* 2001.
2. Chiu AG.: Endoscopic repair of CSF leaks and orbital decompression. *Demonstration DVD* March 2005.
3. Kennedy DW, Palmer JN, Chiu AG: Dissection Manual for Endoscopic Sinus Surgery. *Penn International Rhinology Course Syllabus* March 2005.
4. Chiu AG: Cocaine and Septal Perforations. *Maxim Magazine* April 2005.

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5. Chiu AG: Demonstration DVD of Endoscopic Frontal Sinus Surgery. University of Pennsylvania, Department of Otorhinolaryngology-Head and Neck Surgery, 2006
6. Chiu AG: Maximizing Results and Minimizing Complications During FESS. ENToday 1(10): 18-19, December 2006.
7. Elizabeth Landau: "Summer Colds may not be just that" CNN.com June 2010.
8. "Leaking brain fluid", foxnews.com, huffington post, Anderson cooper live, Nov 2012.
9. "Endoscopic Pituitary Surgery" Arizona Illustrated, Sep 2012.
- 10 "Endoscopic Skull Base Surgery" KVOA , Tucson, AZ. 2012
11. "Health Break: Minimally Invasive Skull Base Surgery", KVOA 2013.
12. "UA Division of Otolaryngology Tackling Chronic Sinusitis" KOLD-13, 2013.
13. "UAMC introduces five-year residency program" Daily Wildcat 2013.
14. "Tucson woman's tale of brain-fluid leak makes her an internet star" Arizona Daily Star 2013.
15. "Arizona woman nearly dies as brain fluid leaks out of nose" ABC News 2012.
16. Video Panel. Maintenance of Certification module on Chronic rhinosinusitis with nasal polyposis, American Board of Otolaryngology MOC module.
17. "Nose News Now hosted by Alexander Chiu". Web-based symposiums on topics in rhinology. Sponsored by Olympus, Inc.
18. "Boogers sweet receptors". The Scientist. September 2017.
19. "Sinusitis and Sinus Surgery". Guest on Doctor Radio 110 XM/Sirius Radio. October 2017.
20. "The management of Chronic Rhinosinusitis." Medscape Global Web Symposium. May 2018.
21. Guest on "Scope it Out". Podcast for the International Forum of Allergy and Rhinology. July 2019.
22. Guest on "Backtable ENT Podcast." Working towards health equity in Otolaryngology". September 2023.

Visiting Professorships and Named Lectureships:

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October 2004 Fungal Rhinosinusitis and Frontal Sinus Surgery. Keynote speaker, Arizona Society of Otolaryngology Fall Meeting, Phoenix, AZ

January 2005 Visiting Professor, "FESS: Does it work?" Division of Allergy and Immunology Grand Rounds, Drexel University, Philadelphia, PA

May 2006 Visiting Professor, "Frontal Sinus Surgery" Christiana Care Health Services, Section of Otolaryngology Grand Rounds, Wilmington, DE

September 2006 Visiting Professor, Duke University Division of Otolaryngology Grand Rounds. "Frontal Sinus Surgery: Teachings in Evolution". Durham, NC.

April 2007 Visiting Professor, Department of Otolaryngology, Long Island Jewish Medical Center. "Maximizing Results of FESS and Treating Post-FESS Failures". Great Neck, NY.

October 2007 Visiting Professor, Mt. Sinai Department of Otolaryngology-Head and Neck Surgery Grand Rounds. "Management of the Post-FESS Failure" New York, NY.

January 2008 Visiting Professor, Georgetown University Department of Otolaryngology Grand Rounds. "Surgical Management of Frontal Sinus Lesions". Washington DC.

February 2011 Visiting Professor. Mexican ENT Society 2011 Endoscopic Sinus and Skull Base Surgery Course. Mexico City, Mexico.

October 2011 Endoscopic Management of Benign and Malignant Sinonasal Lesions, FESS Failures, Tips to Maximize FESS. Keynote lecturer, Fall Meeting of the Arizona Otolaryngology Society. Scottsdale, AZ.

May 2012 Keynote Speaker, Virginia Society of Otolaryngology Annual Meeting, Arlington, VA.

June 2012 Keynote Speaker, Southern California Kaiser Permanente Head and Neck Symposium, Huntington Beach, CA.

October 2012 Keynote Speaker, Dallas Otolaryngology Association, Dallas, TX.

April 2013 Visiting Professor, University of Toronto, Department of Otolaryngology-Head and Neck Surgery, "Management of the Recalcitrant FESS Patient". Toronto, Canada.

May 2015 Invited Keynote Speaker. Sacramento Otolaryngology Society. "Management of the recalcitrant FESS patient." Sacramento, CA.

May 2015 Visiting Professor. UC Davis Department of Otolaryngology-Head and Neck Surgery Grand Rounds. "Contemporary management of neoplastic and inflammatory frontal sinus disease." Sacramento, CA.

June 2015 Willard E. Fee Lectureship. Graduation Honored Guest Professor and Speaker, Stanford University Department of Otolaryngology-Head and Neck Surgery, Stanford, CA. "Frontal Sinus Surgery for the Modern Times"

July 2015 Robert J. Toohill, M.D. Lectureship. Medical College of Wisconsin Department of Otolaryngology. Kohler, WI. "Frontal Sinus Surgery for Benign and Neoplastic Disease."

September 2015 Visiting Professor. Georgia Regents University Department of Otolaryngology Grand Rounds, Augusta, GA. "Frontal Sinus Surgery for Benign and Neoplastic Disease."

June 2016 Guest of Honor. Pacific Coast Ophthalmology and Otolaryngology Society 100th Annual Meeting, Kauai, HI.

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August 2016 Visiting Professor. Vanderbilt University Department of Otolaryngology-Head and Neck Surgery. “Triple Aim and Chronic Rhinosinusitis”

November 2016 Visiting Professor. University of Nebraska Department of Otolaryngology-Head and Neck Surgery. “Health Care Reform and its Effect on the Standard of Care.”

June 2017 Paul Ward Society Lectureship. University of California at Los Angeles Department of Head and Neck Surgery. “Topsy-Turvy World of Academic Medicine”

June 2017 Guest of Honor. University of Arizona Department of Otolaryngology-Head and Neck Surgery Residency Graduation Day. “Modern Day Academic Leadership”.

September 2017 Keynote Speaker. Sponsored by Women in Rhinology, Mentorship and Young Faculty Committees, American Rhinologic Society. Annual Meeting of the American Rhinologic Society. “Using Business Leadership Strategies to Modernize Academic Healthcare Departments”

May 2018 Visiting Professor. University of Virginia Department of Otolaryngology. Charlottesville, VA. “Leadership Strategies to Modernize an Academic Department.”

June 2018 James Arnold, MD Lectureship. University Hospitals Case Western Medical School Department of Otolaryngology Annual Research Day, Cleveland, OH. “Frontal Sinus Surgery: Current Trends and a New Hypothesis.”

March 2019 H. Bryan Neel, MD Lectureship. Mayo Clinic Department of Otolaryngology Resident Research Day. Rochester, MN. “Strategies for Modernizing an Academic Department.”

June 2019 ORL Frontiers Guest of Honor. University of Texas, Houston Department of Otolaryngology Resident Graduation Day. Houston, TX.

June 2020 Roy B Sessions Lectureship. Georgetown University Department of Otolaryngology Residency Graduation Day. Washington DC.

June 2020 Dr. David Dolowitz Lectureship. University of Utah Department of Otolaryngology Residency Graduation Day. Salt Lake City, UT.

June 2022 Bobby Alford Department of Otolaryngology-Head and Neck Surgery Visiting Professorship. Baylor College of Medicine. Houston, TX.

June 2022 Albert Einstein/Montefiore Residency Graduation Visiting Professor. Bronx, NY.

August 2022 Visiting Professor, Johns Hopkins University, Department of Otolaryngology. “Strategies to modernize an academic department.” Baltimore, MD.

October 2022 Visiting Professor. University of Maryland Department of Otolaryngology. “Health equity in otolaryngology.” Baltimore, MD.

November 2023 Visiting Professor. Mt. Sinai Department of Otolaryngology. “Building an innovation program from the ground up.” New York, NY.

September 2024 Hwang Family Lecturer on Mentorship. 70th Annual Meeting of the American Rhinologic Society, Miami, FL.

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Invited National and International Presentations:

December 2002	Coding Issues in Sinus Surgery. Sinus Masters Advanced Endoscopic Sinus Surgery Course, Stanford, CA.
February 2003	Fungus Among Us: Airborne Pathogens of the Central Valley. Perianesthesia Nurses Association of California Annual Conference, Fresno, CA.
June 2003	Fungal Rhinosinusitis. Stanford University Otolaryngology Research Symposium. Stanford, CA.
February 2004	Coding Issues in Functional Endoscopic Sinus Surgery. BrainLAB Sinus Masters, Las Vegas, NV.
February 2004	Using Image Guidance for Pre-operative Planning in Revision Sinus Surgery, Las Vegas, NV.
February 2004	Comparison of Image Guidance Systems. BrainLAB Sinus Masters, Las Vegas, NV.
April 2004	Sinusitis Penn Medicine at Radnor Community Health Talks, Radnor, PA.
April 2004	Revision Endoscopic Sinus Surgery, "Medical management of chronic rhinosinusitis". Medical University of South Carolina Sinus Surgery Course, Charleston, SC.
September 2004	Medicolegal issues for the sinus surgeon. Instruction course at the Annual Meeting of the American Academy of Otolaryngology, New York, NY.
September 2004	Regional Variations of End Stage Rhinosinusitis. Panel discussion at the Fall Meeting of the American Rhinologic Society, New York, NY.
September 2004	Taking advantage of image guidance systems for difficult and revision sinus cases. Instructional course at the Annual Meeting of the American Academy of Otolaryngology, New York, NY.
September 2004	Regional Variations of End State Rhinosinusitis". Panel discussion at the Fall Meeting of the American Rhinologic Society, New York, NY.
November 2004	Endoscopic Management of Benign Sinonasal Tumors. Loma Linda University Sinus Surgery Course, Los Angeles, CA.
April 2005	Revision FESS", "Frontal Sinus Surgery. Medical University of South Carolina Sinus Surgery Course, Charleston, SC.
June 2005	Frontal Sinus Surgery. Sinus Masters, Elgin Regional Hospital, Elgin IL.
September 2005	Mechanics and Applications of Image Guided Surgery. Miniseminar Panelist, Annual Meeting of the American Academy of Otolaryngology, Los Angeles, CA.
September 2005	Frontiers in Post-Operative Care Following FESS. Instructor for an instructional course at the Annual Meeting of the American Academy of Otolaryngology, Los Angeles, CA.
September 2005	Taking Advantage of IGS. Instructor for an instructional course at the Annual Meeting of the American Academy of Otolaryngology, Los Angeles, CA.

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November 2005 Endoscopic Management of Benign and Malignant Sinonasal Tumors. Western States Resident FESS Course, Loma Linda University, Los Angeles, CA.

November 2005 Image Guided Endoscopic Surgery" Western States Resident FESS Course, Loma Linda University, Los Angeles, CA.

November 2005 Endoscopic Management of Benign and Malignant Sinonasal Tumors. Loma Linda University Sinus Surgery Course, Los Angeles, CA.

November 2005 Image Guided Endoscopic Surgery. Loma Linda University Sinus Surgery Course, Los Angeles, CA.

February 2006 Frontal Sinus Surgery. BrainLAB SinusMasters, Las Vegas, NV.

March 2006 Rhinosinusitis. Winter Meeting of the Philadelphia Society of Otolaryngology-Head and Neck Surgery Nurses, Philadelphia, PA.

May 2006 Frontal Sinus Surgery, Revision Endoscopic Sinus Surgery, Demonstration Dissection of Basic FESS. Medical University of South Carolina FESS Course, Charleston, SC.

June 2006 Topical Medications in Sinusitis. Pennsylvania Academy of Otolaryngology Annual Meeting, Skytop, PA.

September 2006 FESS vs MIST vs Nasalization vs Balloon Sinuplasty. Moderator for miniseminar at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Toronto, Canada.

September 2006 Basic Maneuvers for Sinus Surgery and Avoiding Complications. Miniseminar at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Toronto, Canada.

September 2006 Frontal Sinus Surgery: Teachings in Evolution. American Osteopathic College of Otolaryngology and Ophthalmology Mid-Year Meeting, Philadelphia, PA.

February 2007 The Future of Sinus Care, Biofilms and Rhinosinusitis. The California Sinus Institute Advanced Endoscopic Sinus Surgery Course, Palo Alto, CA.

February 2007 IGS: How It Fits in My Practice. BrainLAB SiusMasters, Las Vegas, NV.

April 2007 Frontal Sinus Surgery, Revision FESS. Invited faculty for the Medical University of South Carolina FESS Course, Charleston, SC.

May 2007 Frontal Sinus Surgery. Lehigh Valley Hospital Section of Otolaryngology Grand Rounds, Chester Valley, PA.

June 2007 Incorporating In-office CT Scanning into Your Practice. Annual Meeting of the Pennsylvania Academy of Otolaryngology, Philadelphia, PA.

September 2007 Comprehensive Management of the Unified Airway. Panel member. American Rhinologic Society and American Academy of Otolaryngic Allergy Combined Conference, Washington DC.

September 2007 Surgical Management of the Unified Airway Panel. Moderator, Joint Meeting of the Comprehensive Management of the Unified Airway. Panel Member. American Rhinologic Society and American Academy of Otolaryngic Allergy Combined Conference. Washington DC.

September 2007 Tips for Post-FESS Failures" Instructional Course at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Washington, DC.

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January 2008	Management of the Post-FESS Failure. Visiting Lecturer, Washington DC Metro ENT Society, Washington DC.
February 2008	Biofilms and Chronic Rhinosinusitis, Future of Sinus Care. Invited Faculty, Advanced Techniques in Sinus Surgery Course, The California Sinus Institute, Palo Alto, CA.
February 2008	Management of the Post-FESS Failure, Management of Difficult Frontal Sinus Lesions. Invited lecturer, Midwinter Symposium on Practical Surgical Challenges in Otolaryngology, University of Illinois-Chicago Department of Otolaryngology, Snowmass, CO.
April 2008	Frontal Sinus Surgery, Image Guidance and Revision FESS. Invited Faculty, Medical University of South Carolina Advanced Endoscopic Sinus Surgery Course, Charleston, SC.
June 2008	Fungal Rhinosinusitis. Invited faculty, European Rhinologic Society Annual Meeting, Crete, Greece.
July 2008	Endoscopic skull base surgery, Management of the Post-FESS Failure, Imaging in Sinus Surgery. Invited faculty, Current Techniques in Endoscopic Sinus Surgery, University of British Columbia, Vancouver, Canada.
August 2008	Endoscopic Management of Frontal Sinus Lesions, Management of the Recalcitrant CRS Patient, Endoscopic Management of Benign Sinonasal Lesions. Invited faculty, St. Vincent's University Sinus Dissection Course, Sydney, Australia.
September 2008	Tips for FESS Failures. Instructional course, Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Boston, MA.
September 2008	Recalcitrant Sinusitis. Miniseminar moderator, Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Boston, MA.
September 2008	Frontal Sinus Surgery. Lehigh Valley Otolaryngology Grand Rounds. Center Valley, PA.
December 2008	Surgical Management of Frontal Sinus Lesions, Management of the Post-FESS Failure, Endoscopic Repair of CSF Leaks. Invited lecturer, International Symposium on Endoscopic Sinus Surgery, Riyadh, Saudi Arabia.
January 2009	Endoscopic Skull Base Surgery, Endoscopic Frontal Sinus Surgery. Invited Faculty, 6th International Endoscopic Sinus Surgery Course, Tanta University, Cairo, Egypt.
February 2009	Biofilm Update, Image Guided Sinus Surgery, Future of Sinus Care. Invited faculty, California Sinus Institute Advanced Techniques in Sinus Surgery Course, Palo Alto, CA.
March 2009	Endoscopic Frontal Sinus Surgery, MUSC Advanced Sinus Surgery Course, Charleston, SC.
April 2009	External Approaches to the Frontal Sinus, Topical Therapies for Recalcitrant CRS. Rhinology World, Philadelphia, PA.
May 2009	Endoscopic Management of Sinonasal Malignancy, Endoscopic Modified Lothrop Procedure, Balloon Sinuplasty. Invited lecturer, 3rd International Greek Course on Rhinology and Skull Base Surgery. Athens, Greece.

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June 2009	Endoscopic Salvage Procedures for Recalcitrant CRS. Pennsylvania Academy of Otolaryngology Annual Meeting. Bedford Springs, PA.
November 2009	Frontal Sinus Surgery. Invited Lectureship, Annual Meeting of the Puerto Rico Academy of Otolaryngology, San Juan, Puerto Rico.
February 2010	Endoscopic Management of Sinonasal Malignancy. California Sinus Institute Advanced Techniques Course, Scottsdale, AZ.
March 2010	Endoscopic Skull Base Surgery, Epistaxis Management and Endoscopic Salvage Procedures. Penn International Rhinology and Skull Base Surgery Course, Philadelphia, PA.
September 2010	Endoscopic Management of Sinonasal Malignancies, Tips for FESS Failures. Instructional course, Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Boston, MA.
November 2010	CSF Rhinorrhea. University of Arizona Neuroscience Grand Rounds, Tucson, AZ.
February 2011	Management of FESS Failures. California Sinus Center Advanced Endoscopic Sinus Surgery Course, Scottsdale, AZ.
February 2011	Nasal Polyposis. North American Rhinology and Allergy Conference, San Juan, Puerto Rico.
March 2011	Invited Faculty. Skull Base Reconstruction, Sinonasal Tumors. Annual Meeting of the North American Skull Base Society, Scottsdale, AZ.
March 2011	FESS, Topical Medications for CRS. Penn International Rhinology and Skull Base Course, Philadelphia, PA.
March 2011	Frontal Sinus Surgery, Management of Recalcitrant Chronic Rhinosinusitis, Medical University of South Carolina FESS Course, Charleston, SC.
July 2011	Sinus Tumors. University of Calgary Endoscopic Sinus Surgery Course. Calgary, AB, Canada.
September 2011	Instructional Course. Endoscopic Management of Sinonasal Malignancies, Tips for FESS Failures. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. San Francisco, CA.
September 2011	Topical Therapies for CRS. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. San Francisco, CA.
November 2011	Sinonasal Tumors and Complications of FESS. Western States Resident Sinus Course, Loma Linda University, Riverside, CA.
November 2011	Chronic Rhinosinusitis. Division of Pulmonary Medicine Teaching Conference, Tucson, AZ.
January 2012	CSF Leaks, Complications in Sinus Surgery and Epistaxis. American Academy of Otolaryngic Allergy Maintenance of Certification Review Course, Dallas, TX.
February 2012	Infection vs. Allergy as cause of CRS. North American Rhinology and Allergy Conference, San Juan, PR.
February 2012	Latest in IGS and Topical Therapies for CRS. California Sinus Center Advanced FESS Course, Scottsdale, AZ.
February 2012	CSF Leak Repair and Management of Sinonasal Tumors. UC Irvine Otolaryngology Updates. Palm Springs, CA.

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March 2012	Topical Therapies. University of Pennsylvania Rhinology and Skull Base Surgery Course, Philadelphia, PA.
August 2012	Surgical management of sinusitis. Seattle Summer Sinus Course, Virginia Mason Medical Center, Seattle, WA.
September 2012	Endoscopic Management of Sinonasal Tumors, Instructional Course Annual Meeting of American Academy of Otolaryngology, Washington DC.
September 2012	Topical Therapies for CRS and Innovative Immunomodulatory Therapies for CRS. Annual Meeting of American Academy of Otolaryngology, Washington DC.
January 2013	Endoscopic Management of Sinonasal Malignancies, Combined Sectional Meeting of the Triological Society, Phoenix, AZ.
February 2013	Topical Therapies for Rhinosinusitis, North American Rhinology and Allergy Conference. Puerto Rico.
March 2013	Skull base Surgery, ENT in the Desert, Tucson, AZ.
July 2013	Panel on Difficult CRS Cases and 6 th Nerve Palsy from Sinonasal Cancers.” South Pacific ORL Forum - Annual Meeting of the Australasian Rhinologic Society, Maui, HI.
July 2013	Complications in FESS and Rhinologist Role in Allergy Management. American Rhinologic Society Summer Sinus Symposium, Chicago, IL.
July 2013	Treatment of FESS Failures, American Rhinologic Society Summer Sinus Symposium, Chicago, IL.
September 2013	Novel immunomodulatory treatments for chronic rhinosinusitis and Topical therapies for chronic rhinosinusitis. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, Canada.
September 2013	Balanced use of balloon dilatation for sinus disease. Annual Meeting of the American Rhinologic Society, Vancouver, Canada.
January 2014	Tips and Pearls for Functional Rhinoplasty. Combined Sectional Meeting of the Triological Society, Miami, FL.
January 2014	Topical therapies in rhinosinusitis. North American Rhinology and Allergy Conference, San Juan, PR.
February 2014	Rhinology Case Presentations, Frontal Sinus Management and Basic Endoscopic Techniques for the Budding Pituitary Surgeon, ENT in the Desert, Tucson, AZ.
April 2014	Allergic Rhinitis. Hawaii ENT Society, Oahu, HI.
July 2014	Frontal sinus surgery. American Rhinologic Society Summer Sinus Symposium. Chicago, IL.
August 2014	Endoscopic skull base surgery. Virginia Mason Summer Sinus Course. Seattle, WA.
September 2014	Tumor management of the skull base. University of Southern California Endoscopic Skull Base Surgery Course. Los Angeles, CA.
September 2014	Complications from FESS. American Rhinologic Society Annual Meeting Breakfast Symposium, Orlando FL.
September 2014	Nose News Now: New Evidence in Sinus Surgery. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Orlando, FL.

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- September 2014 Nose News Now: Evidence for Inferior Turbinate Reduction. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Orlando, FL.
- September 2014 Editors of Journals Roundtable: Tips for Authors and Reviewers. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Orlando, FL.
- September 2014 Prosection Demonstration: Advanced Endoscopic Sinus and Skull Base Surgery. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, Orlando, FL.
- November 2014 Multiple Uses of the Microdebrider in Sinus and Skull Base Surgery. UCLA Department of Otolaryngology, Los Angeles, CA.
- November 2014 Endoscopic resection of frontal sinus tumors. Global Symposium on Sinus and Skull Base Surgery. Cleveland, OH.
- February 2015 Microbiome and CRS. North American Rhinology and Allergy Conference. Boca Raton, FL.
- February 2015 Avoiding and Managing Complications in FESS and What is New in Pathogenesis of CRS. ENT in the Desert. Tucson, AZ.
- April 2015 Tips from Masters of Endoscopic sinus and skull base surgery. Spring Meeting of the Triological Society, Boston, MA.
- June 2015 Endoscopic denker's. Oceanic-American Sinus/Skull Base Interactive Symposium. University of Pennsylvania, Philadelphia, PA.
- July 2015 Keynote Cadaver Demonstration Dissection. American Rhinologic Society Summer Sinus Symposium, Chicago, IL.
- July 2015 Tips for Sinus Surgery Panel. American Rhinologic Society Summer Sinus Symposium, Chicago, IL.
- July 2015 Invited speaker, "Management of the recalcitrant FESS patient." Medical College of Wisconsin, Kohler, WI.
- September 2015 Advances in technology for endoscopic sinus and skull base surgery, Annual Meeting for the American Rhinologic Society, Breakfast Symposium. Dallas, TX.
- September 2015 Management of Sinonasal Neoplasms. Annual Meeting for the American Rhinologic Society. Dallas, TX.
- September 2015 From Start to Finish: Management of AERD Sinusitis, Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX.
- October 2015 Population Health Management in Regards to CRS. SinusFEST. Flagstaff, AZ.
- January 2016 Management of CRS in a Value-Based Environment. North American Rhinology and Allergy Conference, St. Thomas.
- January 2016 Rhinology and Sinus Surgery Session. Combined Sectional Meeting of the Triological Society, Orlando, FL.
- February 2016 Management of CSF Leaks, Sinonasal Malignancies, Approach to the Pterygopalatine Fossa, USC Advanced Sinus and Skull Base Course, Los Angeles, CA.
- March 2016 ACO and the Management of CRS. ENT in the Desert, Tucson, AZ.
- March 2016 Contemporary Management of Rhinitis, New Orleans ENT Society, Metairie, LA.

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May 2016	Panel on Fungal Rhinosinusitis, Cadaver Dissector, Surgical Control of Epistaxis, EndoChicago, Chicago, IL.
August 2016	Skull Base Reconstructions, Anterior and Lateral Skull Base Course, Vanderbilt University, Nashville, TN.
September 2016	Revision FESS, Annual Meeting of the American Rhinologic Society, San Diego, CA.
September 2016	Bacterial Rhinosinusitis, Annual Meeting of the American Academy of Otolaryngology, San Diego, CA.
September 2016	Advanced Endoscopic Frontal Sinus Surgery, Instructional course, Annual Meeting of the American Academy of Otolaryngology, San Diego, CA.
October 2016	Frontal Sinus Surgery. University of Kansas Department of Otolaryngology-Head and Neck Surgery, Kansas City, KS.
October 2016	Evidence-based Medicine and Pediatric Sinusitis, Midwest Pediatric Otolaryngology Symposium, Kansas City, MO.
January 2017	Skull Base Reconstruction, Combined Sectional Meeting of the Triological Society, New Orleans, LA.
January 2017	Epistaxis and Complicated Sinus Cases. University of Colorado Mid-Winter Ski Meeting, Vail, CO.
February 2017	Timing for Sinus Surgery. American Rhinologic Society Virtual Research Symposium.
February 2017	Avoiding and Managing Complications in Sinus Surgery. Kansas City Otolaryngology & Ophthalmology Annual Meeting. Overland Park, KS.
April 2017	Sinonasal Tumors. KU Lung and Head and Neck Cancer Symposium. Overland Park, KS.
May 2017	Atypical Presentations of Rhinosinusitis. Annual Meeting of the Triological Society, San Diego, CA.
May 2017	Leadership Lessons Learned. Spring Meeting of the American Rhinologic Society, San Diego, CA.
July 2017	Skull Base Surgery. Midwest Resident Rhinology Course, St. Louis, MO.
September 2017	Lessons Learned from Sinus Surgery Complications. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Chicago, IL.
November 2017	Mega antrostomies for topical medications. Emerging Techniques in Otolaryngology, Kansas City, KS.
November 2017	Using multimedia to establish a new department culture. Annual Meeting of Society of University Otolaryngologists, Chicago, IL.
January 2018	Invited Panelist, "CRS: Extent of Surgery." Combined Sectional Meeting of the Triological Society, Scottsdale, AZ.
January 2018	Trio Best Practices. Combined Sectional Meeting of the Triological Society, Scottsdale, AZ.
February 2018	Frontal Sinus Surgery, What I do Differently now, University of Colorado Ultimate Midwinter Meeting, Vail, CO.
April 2018	Regional Variations in CRS. Annual Meeting of the American Rhinologic Society, National Harbor, MD.

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May 2018	Balloon Dilation Update, Sinonasal Tumors, Case Management Panel. Harvard Medical School Endoscopic Sinus and Skull Base Surgery Course. Boston, MA.
July 2018	Primary Frontal Sinus Surgery. American Rhinologic Society Summer Sinus Symposium. Seattle, WA.
January 2019	Topical Therapies for Sinusitis. Combined Sectional Meeting of the Triological Society. San Diego, CA.
Feb 2019	Nasal Polyps. ENT in the Desert. Scottsdale, AZ.
Feb 2019	PSkull Base and Tumor Cases.” University of Colorado Midwinter Conference. Vail, CO.
March 2019	Current State of Research in Otolaryngology and Frontal Sinus Surgery. Mayo Clinic Otolaryngology Resident Research Day. Rochester, MN.
April 2019	Cadaver dissection, Complications of Sinus Surgery. American Rhinologic Society-Stellanbosh University Advanced Sinus and Skull Base Course. Capetown, South Africa.
June 2019	Frontal Sinus Surgery, Endoscopic Skull Base Surgery and Management of Sinonasal Tumors. V Curso de Cirugia Endoscopica Nasosinusal y Base de Cranio. Santiago, Chile.
September 2019	Film Judge for ARS Film FEESTival. Annual Meeting of the American Rhinologic Society, New Orleans, LA.
January 2020	Biologics in CRS. KU Winter Meeting, Copper Mountain, CO.
January 2020	Strategies to Lessen Physician Burnout. Triological Society Sectional Meeting. Coronado, CA.
March 2020	Strategies to lessen physician burnout, Management of sinonasal tumors, Primary and revision FESS. Tackling Problematic Sinusitis, Mayo Clinic. Sedona, AZ.
March 2020	Endoscopic frontal sinus surgery, Complications from sinus surgery. Seattle Otology and Rhinology Annual Course. Seattle, WA.
September 2021	Nightmares cases in Rhinology. Annual Meeting of the Canadian Society of Otolaryngology-Head and Neck Surgery. Virtual Meeting
October 2021	He for She. How to be advocate for women otolaryngologists. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Los Angeles, CA.
September 2022	Panelist, Professional identity and formation. American Academy of Otolaryngology-Head and Neck Surgery, Philadelphia, PA.

Leadership and Program Development Summary

Digital Health Co/lab at the University of Kansas (Formerly known as the Center for Health Innovation and Transformative Care at the University of Kansas (10/2021 – present)

After 18 months of planning, the Center for Innovation at KU launched in October 2022. Along with my co-executive director, Chris Wilson, VP for Innovation at the University of Kansas Health System, we

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conceived, fund-raised and developed a center that is uniquely supported by the health system, university and 18 of the 22 clinical departments in the school of medicine. I am the executive scientific director for the center and our mission is to advance digital health technologies and improve patient engagement, provider experience and quality outcomes. Our vision is to be the regional leader at the intersection of digital health research and commercialization. Our tagline is to “Weave digital stitching into the Art of Medicine”. Since inception we have:

- Raised over 1.5 million dollars in start-up funds from the UKHS, KUMC and 18 of the 22 clinical departments at KUMC
- Formed an interdisciplinary advisory board representing KU-Lawrence departments of Computer Sciences, Engineering and Business, Schools of Medicine, Allied Health Professionals and Nursing.
- Developed external partnerships with preferred status to multiple venture capital firms in the region
- Obtained philanthropic funding to support an innovation learner fellowships
- Developed research development platforms around digital therapeutics and diagnostics, AI and computer vision and digitally enabled devices
- Developed a frictionless path towards commercialization, hired an entrepreneur-in-residence and established a formal relationship with the technology transfer office.
- Developed a community partnership with WeCodeKC to develop pipelines in the secondary school systems, both urban and rural, to train the digital healthcare providers of tomorrow.
- Stood up 3 companies
- Developed an institutional RFA for digital health projects
- Developed an institution wide program for innovation engagement
- Applied for a Department of Commerce Economic Development Build-to-Scale grant. 750K with an additional 750K match.
- Establishing a focus towards digital health innovation and adoption in rural communities.

Health Equity in Otolaryngology Consortium (February 2021 – present)

In 2021, I conceived, started and led a multi-institutional collaborative to study and address health inequities in otolaryngology. Initially starting with 6 member departments, the collaborative has since expanded to include representatives from over 25 otolaryngology departments across the country. The collaborative has 3 missions: the first to develop uniform data sets in order to develop interventions aimed toward addressing health inequities; the second to use the data to influence local institutional policy to address health inequities; and third, to assist in professional identity formation for the recruitment of greater number of diverse students to the field of otolaryngology.

To date, the consortium has been successful in publishing a study on diversity within otolaryngology and was recently awarded a CORE grant from the American Academy of Otolaryngology-Head and Neck surgery to establish standardized data metrics for the study of health equity in otolaryngology. Plans are ongoing to incorporate the consortium into the American Academy of Otolaryngology-Head and Neck Surgery as a division within the Section for Diversity, Equity and Inclusion.

University of Kansas School of Medicine, Department of Otolaryngology-Head and Neck Surgery (7/2016 - current)

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Following a national search, in 2016 I was appointed the Russell E. Bridwell, M.D. Chairman of the Department of Otolaryngology-Head and Neck Surgery. I have overseen its growth to encompass 29 full-time faculty, 3 research faculty, 12 affiliated clinical faculty, 12 allied health professionals, 6 advanced practice professionals, an annual budget of >33 million dollars, 20 residents, four post-graduate clinical fellows and four post-graduate research fellows. Since I have been Chair, the KU otolaryngology department has achieved a ranking high of:

- #17 in the US News and World Report Rankings of Top Hospitals (unranked in 2016)
- #23 in Doximity Residency Rankings by Reputation (#44 in 2016)
- #29 in NIH funding (unranked in 2016)

Notable achievements included:

- Small faculty turnover (3 retirees, 1 faculty member has left in the 8 years I have been Chair)
- Education:
 - Clinical fellowships in Rhinology/Skull Base Surgery and Facial Plastics/Reconstructive Surgery were initiated.
 - Four post-doctorate research fellowship positions in clinical research were created.
 - 5-year ACGME re-accreditation with commendation for the residency program.
 - National CME events were formed in partnership with UC Davis and U Arizona that had over 200 participants each.
 - Research collaborative built between the department and Christian Medical College, Vellore, India.
- Scholarly Production
 - Surgeon-scientists were recruited and mentored with 2 junior faculty achieving NIH funding and 2 MD-PhD students recruited into the residency program.
 - The first resident in KU history to receive an American Academy of Otolaryngology Core grant, two junior faculty for internal CTSA grants, mentored two faculty for initial R01 funding, one junior faculty for a KL2 and one junior faculty for a R03 award.
 - Initiated and lead weekly research meetings for clinical research focused on population health, health care delivery, dissemination and implementation, clinical trials and education research.
 - Peer reviewed publications went from 65 in 2016 to 145 in 2023.
 - Submitted grant proposals went from 13 in 2016 to 36 in 2023.
 - External grant funding went from 144k in 2016 to 3.2 M in 2023.
- Clinical care
 - OR and ambulatory volumes increased by 50%
 - Developed community partnership and satellite outreach clinic in Hays, Topeka and Overland Park, Kansas. Recruited physicians, developed a community division within the department and negotiated contracted rates.
 - Top 20 in Vizient quality rankings, 2018, 2019.
 - Otolaryngology residents named house officer of the year by nursing – 2018 and 2020.
- Diversity, equity and inclusion became central to our mission:
 - Eaton Hall Lecture Series was started and funded with the Bohan award to bring diverse speakers to campus.
 - Developed pipeline MS1,2 and 3 rotations for URM students interested in otolaryngology and clinical otolaryngology research.
 - Quarterly cultural complications grand rounds

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- Health disparities and social determinants of health were incorporated into resident education curriculum.
- Department community outreach to Avenue of Life and Rosedale community center
- Promoted female and URM department leaders to the positions of Vice-chair of clinical affairs, Director of Head and Neck Oncology Division, Residency Program Director, Associate Residency Program Director and Director of Otolaryngology at the Kansas City VA.

Editor-in-Chief, ENT today (2017 - 2022)

After a national search, I was named Editor-in-Chief of ENT today. ENT today is a publication of the Triological Society in partnership with Wiley publishing. The news magazine has the highest circulation of any Otolaryngology journal and an editorial budget of nearly a million dollars/year.

Notable achievements included:

- Revamped editorial board that emphasized diversity in gender, race and thought.
- 2018, 2019 and 2020 Kantar Surveys. ENT today #1 otolaryngology journal for readership, market advertising, percent issue read
- 2019 and 2020 set record years for advertising revenue
- 2019, 2020, 2021 and 2022 Apex Publishing award winner for writing excellence
- I wrote a monthly editorial that was among the most downloaded articles in otolaryngology

University of Arizona College of Medicine, Division of Otolaryngology (2010 – 2014), Department of Otolaryngology-Head and Neck Surgery (2015-2016)

I was hired by the University of Arizona in September of 2010 to build an academic otolaryngology program. Despite being the first and largest college of medicine in Arizona, there was no otolaryngology residency program, no otolaryngologists on staff, no physical otolaryngology clinic, and little relationship with the otolaryngology community of Tucson and Phoenix. In nearly 6 years at UA, we achieved departmental status, recruited and developed research funding that placed the department in the top 30 of NIH rankings, achieved a top 30 clinical program ranking in the US News and World Report, initiated residency and fellowship training programs that have become competitive for the top national candidates and developed a clinical program that was one of the most profitable programs in the practice plan.

Notable achievements included:

- Went from division of department surgery to full departmental status 4 years after my arrival.
- Recruited and expanded the faculty from 1 faculty member to 9 full-time and 2 part-time otolaryngologists at 2 campuses.
- Wrote a residency pif and obtained ACGME accreditation for an Otolaryngology Residency Program on the initial application.
- Ranked #30th among ENT programs in 2013-14 US News and World Report Rankings.

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- Recruited two surgeon-scientists with NIH funding and one PhD with a 25 year history of NIH funding. Programmatic development resulted in 5 research faculty and departmental funding that ranked in the top 35 of Otolaryngology departments in the 2015 Blue Ridge Rankings.
- Initiated and developed the Center for Sinonasal and Skull Base Tumors, Center for Skin Cancer and Reconstruction and the UA Ear Institute
- Developed satellite otolaryngology clinics in 3 other physical sites: South Campus, Orange Grove and Green Valley.
- Developed research programmatic focus on the following: Upper Airway Biology, Hearing Sciences, Population Health Management and Head and Neck Oncology.
- Began a development program for the department of Otolaryngology. Initial fundraising was aimed towards the construction of the temporal bone teaching laboratory, head and neck oncology research program and endowed professorships.

Banner Health – University of Arizona Medical Division (March 2015 – June 2016)

In 2015, Banner Health, a 6.2 billion dollar, multi-state, not-for-profit health system merged with the University of Arizona Health Network. An exclusive partnership with the UA COM in Phoenix and Tucson was made and a division of Banner Health, entitled “Banner University Medical Division” was formed that encompassed the academic faculty in both Phoenix and Tucson, as well as the 3 main teaching hospitals in both cities. I was integrally involved with the merger and management of the new academic entity.

Notable achievements included:

- The Academic Management Council is a 6 person board that oversees the Banner University Medical Division. 3 members are appointed by the University of Arizona President and 3 members are appointed by Banner Health. I was appointed as one of the inaugural 3 University of Arizona members by President Hart with the other 2 members being the Dean of the COM-Tucson and the CFO of the University of Arizona.
- In October 2015, I was appointed by University of Arizona President Ann Weaver Hart as the co-Chair of the Academic Management Council. Duties included oversight of AMC committees on research, education, innovation, faculty affairs and strategy.
- Strategy Committee of the Academic Management Council. Work included introducing an ACO to the Tucson market and educating the Tucson practice plan on the benefits and infrastructure of an ACO. Helped to develop UPRT, the process for assessing physician and programmatic recruitment and retention strategies.
- Chair of the Compensation committee. Developed a RFP, interviewed, selected and guided Sullivan Cotter in developing a new compensation plan for the 900+ physician employees of the Banner University Practice Plan. Complexities included equitable compensation for two different cities, using compensation as a method to install a new culture, incorporating academic and scholarly benchmarks, value-based practice along with volume-based activities and making it all financially sustainable. Led the committee in the overall conception and development of the plan, as well as leading communication and academic incentive subgroups of the committee.
- Chair of the Faculty Affairs committee. Developed faculty development and leadership development programs in concert with the COM-Tucson. Explored and developed new ways to create clinical, education and research relationships with the community physicians of Tucson and Phoenix. Re-examined current criteria for COM promotion and aligned them to the changing landscape of healthcare.

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- Population Health Management. Worked with multiple departments in planning for population health and health disparities studies that could capitalize on the extensive covered lives for Banner Health. Worked with the Colleges of Public Health, Bioinformatics and Pharmacy to create a center within the Arizona Health Sciences that focuses on healthcare innovation delivery.
- Arizona Health Sciences Center Representative on the University of Arizona Foundation Presidential Search Committee Charter. Worked on a 15-member search committee comprising of members of the foundation board of trustees and University athletic director as the sole representative from the AHSC (Colleges of Medicine in Phoenix and Tucson, Schools of Pharmacy, Public Health and Nursing). Appointment made by the Senior VP for Health Sciences.

Interim Chair, Department of Surgery, University of Arizona College of Medicine-Tucson (Sept 2013 – August 2014)

From September 2013 to August 2014, I was the Interim Chair of the Department of Surgery at the University of Arizona. The Department of Surgery was comprised of 10 surgical divisions, 90 faculty members, 8 residencies comprising over 70 residents, annual charge volumes that exceed 100 million dollars/year and research funding that exceeded 6 million dollars/year.

Notable achievements included:

- Focus of this position was to secure financial stability for the department and retain program faculty. I stepped into a budget variance of -5 million dollars and worked to combine cost-cutting measures with revenue generating initiatives to reduce the variance.
- We instituted a departmental quality committee, patient experience committee, and formal research and finance committees to develop a model of shared governance within the department.
- Developed a research focus for the DoS to align with institutional strategies and revolve around regenerative stem cell research, cancer, neurosciences and precision medicine.
- Reduced department budget deficit by 50% and reorganized a business infrastructure.
- Stabilized and retained DoS faculty in a time in which 5/10 divisions of the department had interim chiefs, including cardiothoracic and transplant surgery divisions.
- Worked with hospital administration to keep the kidney, pancreas and liver transplant programs UNOS certified despite key personnel losses.
- Recruited a heart and lung transplant surgery with 15 years of experience as UNOS certified primary surgeon to re-start the heart and lung transplant program at the University of Arizona.
- Revised departmental P & T guidelines, physician compensation plans, researcher funding guidelines.

University of Arizona Health Network (2010-2014)

Prior to the merger with Banner Health, the University of Arizona Health Network was an independent health system affiliated with the University of Arizona. Initially recruited to be the otolaryngology service line leader, I quickly became a trusted leader within the University of Arizona Health Network.

Notable achievements included:

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- Medical director of Department of Surgery outpatient clinics (otolaryngology, neurosurgery, transplant, trauma and plastic surgery).
- 2013, I was elected by my peers to serve as secretary/treasurer of the Medical Executive Staff at the University of Arizona Medical Center.
- In 2013, I was named the executive director of perioperative services at UAMC.
- From 2013 to 2014, I served as one of five department chairs on the Physician Practice Oversight Board.
- In 2014, I was appointed Chair of the Physician Practice Oversight Board by the Senior Vice President of Health Sciences and Dean of the COM. The position involved the running of the biweekly PPOB meetings, acting as the lead voice for the clinical department chairs and reporting to the Dean of the COM.
- With the acquisition of the UAHN by Banner Health, I was asked by the UAHN CEO to be one of 2 physician leads in the integration process. My role was to help determine the reporting infrastructure of the practice plan, help form a new physician compensation plan and act as a liason between the physicians and the new Banner leadership.

Editor-in-Chief, American Journal of Rhinology and Allergy (2010-2015)

- Revamped an editorial board that included international members
- Impact factor of 9/41 Otolaryngology journals in 2015
- Developed and led an annual CME event sponsored by the journal