

Current Positions

Founder and Director, Sinus Solutions at IMMUNOe, Denver Metro Area, Colorado
Principal and Owner, Audubon Technologies, Denver, Colorado
Chief Medical Officer, Sinutech, LLC, Denver, Colorado

Previous Professional Positions

2005-2016 Physician Partner, Associates of Otolaryngology, Denver and Lone Tree, Colorado
2005-2016 Founder and Director, Colorado Sinus Institute, Denver and Lone Tree, Colorado
2011-2016 Medical Co-Director, Center for Skull Base & Craniofacial Disorders, Centura Health, Denver CO
2004-2005 Clinical Instructor, Stanford University Department of Otolaryngology, Head & Neck Surgery
1992-1995 Project Manager, Santa Fe Engineering. Consulting to the Department of Energy at Los Alamos National Laboratory. Characterization of Large Volume Hazardous and Radioactive Legacy Waste

Education and Formal Training

2004-2005 Rhinology Fellowship, Stanford University and the California Sinus Institute, Winston Vaughan, Mentor
2000-2004 University of New Mexico Health Sciences Center, Albuquerque
Otorhinolaryngology Residency
1999-2000 University of New Mexico Health Sciences Center, Albuquerque
General Surgical Internship
1995-1999 University of New Mexico School of Medicine, Albuquerque
Doctorate of Medicine, 1999
1989-1992 University of Minnesota, Minneapolis
BS, Chemical Engineering, 1992
1987-1989 Colorado State University, Fort Collins
Undergraduate Study of Chemical Engineering

Honors, Positions, and Awards

2001-2004 Member, Medical Executive Committee, University of New Mexico Health Sciences Center
2000-2004 Chairperson, Residents and Fellows Association, University of New Mexico Health Sciences Center
2001 William Kriedelbaugh Surgical Resident Outstanding Research Award, UNM Department of Surgery
1998 Elected member, Alpha Omega Alpha Medical Honor Society, University of New Mexico
1995 Selected as student member--Committee on Student Promotion and Evaluation, University of New Mexico School of Medicine
1991 Deans List, Institute of Technology, University of Minnesota

Certifications & Licensing

Diplomate American Board of Otolaryngology, June 2005, Board Certified through 2025
Fellow American Rhinologic Society, October 2008
Active Medical Licensure, State of Colorado
Active Advanced Cardiovascular Life Support, Aug 2016

Peer-Reviewed Publications & Research Articles

Mar, 2015 Sikand, A., et al. "Office-Based Balloon Sinus Dilation: 1-Year Follow-up of a Prospective, Multicenter Study." *The Annals of otology, rhinology, and laryngology* 124.8 (2015): 630-637.
April, 2008 Levine HL, Sertich AP 2nd, Hoisington DR, Weiss RL, Pritikin J; PatiENT Registry Study Group (As a member of study group). *Multicenter registry of balloon catheter sinusotomy outcomes for 1,036 patients.* *Ann Otol Rhinol Laryngol.* 2008 Apr;117(4):263-70.
Nov, 2007 Nekhendzy V, Lemmens HJ, Vaughan WC, Hepworth EJ, Chiu AG, Church CA, Brock-Utne JG. *The effect of deliberate hypercapnia and hypocapnia on intraoperative blood loss and quality of surgical field during functional endoscopic sinus surgery.* *Anesth Analg.* 2007 Nov;105(5):1404-9.
July, 2006 Hepworth EJ, Bucknor M, Patel A, Vaughan WC. *Nationwide survey on the use of image-guided functional endoscopic sinus surgery.* *Otolaryngol Head Neck Surg.* 2006 Jul;135(1):68-73.

- June, 2002 Dozema D, Hepworth E, Young SA, et al. *Low Prevalence of Chlamydia trachomatis by Urinary Ligase Chain Reaction in Women Patients in the Emergency Department*. *Academic Emergency Medicine* 2002. 9(6):646-9.
- July, 2001 El-Serag HB, Hepworth E, Sonnenberg A et al. *Gastroesophageal reflux disease is a risk factor for laryngeal and pharyngeal cancer*. *American Journal of Gastroenterology* 2001. 96(7):2013-2018.
- May, 2001 Pike GD, Ahlstrom K, Pitcher DJ, Spafford MF, Hepworth EJ, et al. *Supraclavicular Lipomas: Surgical Approaches*. *Musculoskeletal Tumor Society Annual Meeting Poster Session, Baltimore Maryland*.
- February, 1999 Easley A, Hepworth E, Jordan JL. *The impact of physician availability on preventive health care utilization in New Mexico*. *Journal of Investigative Medicine* 1999. 47(2):A89.

Textbook Chapters and Educational Publications

- January, 2010 Balloon Sinuplasty. EMedicine from WebMD. <http://emedicine.medscape.com/article/1574031-overview>
- September, 2005 Hepworth EJ, Mitchell RB. Ed. Younis RT Book Chapter: *The workup of a child with rhinosinusitis*. In: *Pediatric Sinusitis and sinus surgery*. Pub. Marcel Dekker, Incorporated.
- March, 2002 Pickett BP, Hepworth EJ, Mitchell RB. Ed. Bailey BJ Book Chapter: *Temporal Bone Neoplasms*. In: *Otolaryngology—Head and Neck Surgery, 3rd edition*. Pub. Lippincott-Raven.

Ongoing Lectureships and Professional Education Contracts

- 2016 Intersect ENT Speakers Bureau and Scientific Advisory Board. Sinus Drug Elution Implants
- 2011 – present TEVA pharmaceutical. Product specifications and marketing for novel aerosolized nasal steroid.
- 2010 – 2016 Chair, Bimonthly Skull Base Tumor Board Conference, Porter Adventist Hospital, Denver, Colorado.
- 2009 – present Alcon, Inc. Speaker's Bureau. Local lecture contract for topical nasal antihistamine use.
- 2006 – present Acclarent, Inc. Balloon Sinuplasty Evolve Course Faculty. Multisite clinical and lectureship educator for ENT colleagues learning how to perform balloon-dilational sinus surgery.
- 2005 – present Medpointe/MEDA Pharmaceutical. Speaker's Bureau. Local and regional lecture contract for topical nasal antihistamines.

Regional and National Presentations with Invited Lectures

- Upcoming Veith Symposium, NYC, The Otolaryngologist's Role in Multidisciplinary Management of Arteriovenous Malformations
- November, 2016
- November, 2015 Veith Symposium, NYC, The Otolaryngologist's Role in Multidisciplinary Management of Arteriovenous Malformations
- February, 2014 Faculty, California Sinus Centers Advanced Techniques in Endoscopic Sinus Surgery, Palm Springs, CA
<http://www.calsinus.com/news-archive-2014-sinus-course.html>
- February, 2012 Faculty, California Sinus Centers Advanced Techniques in Endoscopic Sinus Surgery, Scottsdale, AZ
<http://www.calsinus.com/webdocuments/course-schedule-2012.pdf>
- March, 2011 ENT perspectives on Reflux Disease. General Surgery Endoscopic Reflux Surgery Update, Denver, Colorado
- February, 2011 Faculty, California Sinus Centers Advanced Techniques in Endoscopic Sinus Surgery, Scottsdale, AZ
<http://www.calsinus.com/webdocuments/course-schedule-2011.pdf>
- May, 2010 Chronic Cough Symposium, National Jewish Medical Center, Denver, Colorado
- March, 2010 Faculty, 2010 Streit Seminar of Otolaryngology, Uniformed Services University of the Health Sciences Sponsored by Walter Reed Army Medical Center
<https://www01.hjif.org/apps/internet/events2.nsf/eventView2/9133416DEDB30BFA8525763A004F28EE>
- February, 2010 Faculty, California Sinus Institute Advanced Techniques in Endoscopic Sinus Surgery, Scottsdale, AZ
<http://www.calsinus.com/webdocuments/course-schedule-2010.pdf>
- July, 2009 Panel Discussant, The Sinus Forum, Washington D.C.
- February, 2009 Faculty, California Sinus Institute Advanced Functional Endoscopic Sinus Surgery Course, Palo Alto, California
- July, 2008 Panel Discussion Moderator, The Sinus Forum, Chicago, Illinois
- February, 2008 Faculty, University of Illinois Chicago, Midwinter ENT symposium, Snowmass, Colorado
- February, 2008 Faculty, California Sinus Institute Advanced Functional Endoscopic Sinus Surgery Course, Palo Alto, California
- February, 2007 Faculty, California Sinus Institute Advanced Functional Endoscopic Sinus Surgery Course, San Francisco, California
- October, 2004 GE/Stanford Advanced Sinus Course, Instructor, Stanford, California

January, 2004 Triological Society Meeting, Western Section, Scottsdale, Arizona, January 31, 2004. *Frontal sinus fracture management in the conservative era.*

January, 2000 Triological Society Meeting, Western Section, San Francisco California. *GERD as a risk factor for Head and Neck Cancer.* Subsequently published in Audio Digest format.

February, 1999 Easley A, Hepworth EJ, Jordan JL, Rhyne RL. The impact of physician availability on preventive health care utilization in New Mexico. *Journal Of Investigative Medicine* 1999 Feb;47(2):89A.

Public Lectures/Community Outreach

May, 2010 Porter Adventist Hospital Solving Sinus Problems Public Symposium

Intellectual Property and Patent Holdings

November, 2014 US 9,192,490 B2 Hepworth et al—Device for Maintaining Patent Paranasal Sinus Ostia

November, 2012 US 8,303,640 B2 Hepworth et al—Device for Maintaining Patent Paranasal Sinus Ostia

Research Activities

2009 – present Optimization of Office-based Balloon Sinus Dilation. Publications pending.

2005 – present Biodegradable polymer stenting of stubborn sinus ostia. Patents pending.

July 2004-present Investigation of factors affecting blood loss in endoscopic sinus surgery. With Winston Vaughan and Vladimir Nekhendzy. Stanford University, Stanford, California, California Sinus Institute, East Palo Alto, California, Colorado Sinus Institute.

July 2002-present Investigation of Hyperspectral Imaging in the Early Detection of Head and Neck Carcinoma and sinonasal inflammation. Garth T. Olson and L.J. Otten. University of New Mexico Health Sciences Center and Kestrel Corporation, Albuquerque, New Mexico.

1997-1998 Investigation of "Influence of Gender, Ethnicity, and Physician Style on Patient Satisfaction" under Richard Rubin MD, Dept. of Internal Medicine, University of New Mexico School of Medicine and Betsy Sleath PhD, RPh, Dept. of Pharmacy, University of North Carolina at Chapel Hill. Resulted in several publications.

Other Employment

1992-1995 Process and Project Management Engineer, Santa Fe Engineering, Ltd., Santa Fe, NM. Project Manager of \$1.8 million radioactive waste processing effort at Los Alamos National Laboratories.

1991-1992 Consulting Engineer, C.S. McCrossan, Inc., Minneapolis, MN

1989-1992 Failure Analysis Technician, Rosemount, Inc., Minneapolis, MN

Memberships and Affiliations

2004-Present American Academy of Otolaryngic Allergy

2002-2003 New Mexico Human Services Department—Medicaid Advisory Committee

2000-Present American Academy of Otolaryngology—Head and Neck Surgery

1999-Present Candidate Member, American College of Surgeons

1998-Present Alpha Omega Alpha Medical Honor Society

1995-Present American Medical Association

1995-Present Wilderness Medical Society

1995-1996 Student Governing Committee, University of New Mexico School of Medicine

1995-1996 Interdisciplinary Medical Education Grant

1985-1989 Rocky Mountain Rescue Organization, Wilderness EMT

Institutional Courses Instructed

August, 2006 The ABCs of Head and Neck Cancer, The Colorado Cancer Coalition annual meeting, Fort Collins, CO

October, 2005 Stanford/GE Advanced Sinus Surgery Techniques, Course Faculty

February, 2005 Functional Endoscopic Sinus Surgery, Resident Course, Stanford University Department of Otolaryngology

February, 2004 General surgery resident difficult airway management, University of New Mexico Health Sciences Center

Courses Attended & Continuing Medical Education

August, 2016 University of Pittsburgh Medical Center, Endoscopic Skull Base Surgery, CME credits 20

Sept 2015-March 2016 Porter Adventist Hospital, Skull Base Tumor and Sleep Board, CME credits 24

Nov 2013-Aug 2015 Porter Adventist Hospital, Skull Base Tumor and Sleep Board, CME credits 48

February 22-23, 2014 Montana Society of Oto Head & Neck Surgery Annual Meeting, CME credits 5
February 13-17, 2014 Loma Linda University, Advanced Techniques in Endoscopic Sinus Surgery 2014, CME 16.25
Jan 2012-Nov 2013 Porter Adventist Hospital, Skull Base Tumor Board, CME credits 37
September, 2013 American Rhinologic Society Annual Meeting, CME credits 6.50
July, 2013 The Doctors Company, Patient Safety/Risk Management Online Exam, CME credits 2
April, 2013 The American Rhinologic Society, ARS 2013 COSM, CME credits 10
February, 2013 American College of Surgeons, North American Skull Base Society, CME credits 15
January, 2013 American Heart Association, HeartCode ACLS Online Course, CME credits 9.75
July, 2012 The Academy for Continued Healthcare Learning, The Open Forum 2012, CME credits 11.50
February 2012 Banner Health, Advanced Techniques in Endoscopic Sinus Surgery, CME credits 16.5
Feb 2011-Oct 2012 Porter Adventist Hospital, Skull Base Conference, CME credits 28
Jan 2010-Oct 2011 Porter Adventist Hospital, Skull Base Case Conference, CME credits 31
Jan 2010-May 2011 Porter Adventist Hospital, Skull Base Tumor Board, CME credits 6
February 10-13, 2011 Banner Health, Advanced Techniques in Endoscopic Sinus Surgery, CME credits 19.5
February 3-4, 2011 Postgraduate Institute for Medicine, Advanced Techniques in Transoral Fundoplication, Denver, CO
CME credits 4
April, 2010 Skull Base World Congress, Pittsburgh, PA, CME credits 20
April, 2009 Rhinology World, Philadelphia, PA, CME credits 12
September, 2008 American Rhinologic Society Annual Meeting, CME credits 8
September, 2008 American Academy of Otolaryngology, Head & Neck Surgery Annual Meeting CME credits 25
February, 2008 Midwinter Symposium on Practical Surgical Challenges in Otolaryngology
September, 2007 American Rhinologic Society Annual Meeting, CME credits 8
September, 2007 American Academy of Otolaryngology, Head & Neck Surgery Annual Meeting CME credits 18
September, 2006 American Rhinologic Society Annual Meeting, CME credits 8
September, 2006 American Academy of Otolaryngology, Head & Neck Surgery Annual Meeting CME credits 23
September, 2005 American Rhinologic Society Annual Meeting, CME credits 8
September, 2005 American Academy of Otolaryngology, Head & Neck Surgery Annual Meeting CME credits 32
September, 2004 American Rhinologic Society Annual Meeting, CME credits 8
September, 2004 American Academy of Otolaryngology, Head & Neck Surgery Annual Meeting CME credits 12
February, 2004 Resident Allergy Course, AAOA
April, 2003 House Ear Institute Temporal Bone Dissection
April, 2003 UCSF Advanced Endoscopic Sinus Surgery Dissection

Medicolegal Expert Witness & Trial Experience

Wuthrich vs. Molden	Brian McConaty	Denver, CO	2015 CV 30971	Feb-16
Joyce Apodaca	White & Steele	Denver, CO	WC 4-876-101	Jan-16
Slade vs. Wold	Tom Tomazin	Fort Collins, CO	2013 CV 30571	Jan-16
Scheirman	Brian McConaty	Denver, CO	12CV2561	Apr-15
Fisher vs. Fallbach	Stuart Mann	Boulder, CO	12CV1811	Jun-13
Kwan case	John Simonetti	Chicago, IL	10L7741	Oct-12
Wyzgowski vs. Carver	Tom Tomazin	Denver, CO	09CV1725	Aug-11
Taylor vs. VAMC	Pickering & Pickering	Fort Collins, CO	09-CV-65-J	Mar-10

Philanthropic Travel

April, 2013 Healing the Children, Quito, Ecuador. Treatment of otolaryngic disorders in Ecuadoran Children.
March, 1999 Healing the Children, Panajachel, Guatemala. Treatment of ENT disorders in Guatemalan Children.

Personal Interests

Running, cross-country and downhill skiing, competitive road bicycling, mountain bicycling, travel, international and travel medicine, high altitude and alpine medicine, mountaineering, cooking, reading, antique car restoration. Fly fishing and backpacking. Classical guitar and piano.