

Curriculum Vitae

Karen Jean Fong, M.S., M.D.

ADDRESS

Work: California Sinus Centers
(an affiliate of Sacramento Ear, Nose, and Throat)

(primary office: please use for correspondence)
2123 Ygnacio Valley Road
Building K, Suite 100
Walnut Creek, California 94598
(925) 300-4680; fax (925) 906-9780

5924 Stoneridge Drive
Suite 207
Pleasanton, California 94588

EDUCATION

1988-92 Baylor College of Medicine, Houston, Texas
Doctor of Medicine

1987-88 Stanford University, Stanford, California
Master of Science, Biological Sciences

1983-88 Stanford University, Stanford, California
Bachelor of Science, Biological Sciences

Postgraduate Training:

2005-2007 Human Investigations Program, Certificate Track
Oregon Health and Science University
Portland, Oregon

1997-1999 NIH Postdoctoral Research Fellowship
National Research Service Award
Department of Otolaryngology-Head and Neck Surgery
Northwestern University Medical School
Chicago, Illinois

- 1994-1997 Residency, Department of Otolaryngology-Head and Neck Surgery
Northwestern University Medical School
Chicago, Illinois
- 1993-1994 Residency, Department of Surgery
Northwestern University Medical School
Chicago, Illinois
- 1992-1993 Internship, Department of Surgery
Northwestern University Medical School
Chicago, Illinois

PROFESSIONAL EXPERIENCE

Current:

- 11/08-present Physician & Surgeon
California Sinus Centers, Walnut Creek, CA
- Adjunct Clinical Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, Stanford University, Stanford, CA
- Co-director, Fellowship in Rhinology and Advanced Sinus Surgery, California Sinus Centers, Atherton and Walnut Creek, CA
- 9/07-10/08 Physician & Surgeon
California Sinus Institute, Palo Alto, CA and San Ramon, CA
- Co-director, Fellowship in Rhinology and Advanced Sinus Surgery, California Sinus Institute, Palo Alto and San Ramon, CA

Faculty Appointments:

- 2007-present Adjunct Clinical Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, Stanford University, Stanford, CA
- 1999-2007 Assistant Professor, Department of Otolaryngology-Head and Neck Surgery
Oregon Health and Science University, Portland, Oregon
- 1997-1999 Instructor, Department of Otolaryngology-Head and Neck Surgery
Northwestern University Medical School, Chicago, Illinois

Licensure and Certification

- Diplomate, American Board of Otolaryngology
- California Medical License #A52969

Current Hospital Affiliations

San Ramon Regional Medical Center
6001 Norris Canyon Rd.
San Ramon, CA 94583
Phone: (925) 275-8265
Status: Active
Reappointment Date: 9/30/2013-9/30/2015

St. Francis Memorial Hospital
900 Hyde Street, First Floor
San Francisco, CA 94109
Phone: (415)353-6355
Status: Courtesy
Reappointment Date: 10/02/2014

John Muir Medical Center
Walnut Creek Campus
1601 Ygnacio Valley Rd
Walnut Creek, CA 94598
(925)947-5399
Status: Courtesy Admitting
Appointment Date: 6/30/2010-present

San Ramon Surgery Center
200 Porter Drive, Suite 100
San Ramon, CA 94583
Phone: (925) 838-6880
Status: Active
Appointment Date: 12/2011-present

SERVICE

Society Memberships (current)

Fellow, American Academy of Otolaryngology-Head and Neck Surgery

Fellow, American College of Surgeons

Fellow, American Rhinologic Society

Society Memberships (past)

Society of University Otolaryngologists

Association for Research in Otolaryngology

American Academy of Otolaryngic Allergy

Association for Chemoreception Sciences

Oregon Academy of Otolaryngology

Oregon Medical Association

Service Awards

2009-15 Best Doctors in America
Elected by her peers for inclusion in Best Doctors in America® from 2009 to 2015

2013 Super Doctors
Selected for San Francisco Super Doctors 2013

2005 Honor Award, American Academy of Otolaryngology-Head and Neck Surgery Foundation

1999-07 16-time ROSE award winner (Recognizing Outstanding Service Excellence), OHSU.

Committees: National

2007-2010 Board of Directors, American Rhinologic Society

2007-2013 Rhinology and Allergy Education Committee, American Academy of Otolaryngology-HNS Foundation

2007-2013 Home Study Course, American Academy of Otolaryngology-HNS Foundation

2012-2014;
2006-2008 Program Committee, American Rhinologic Society

2005-2012 National Study Section, Centralized Otolaryngology Research Efforts (CORE), American Academy of Otolaryngology-Head and Neck Surgery Foundation

2004-2012 Newsletter Committee, American Rhinologic Society

- 2004-2007 Chair, Membership Committee, American Rhinologic Society
- 2001-2007 SIPAC Committee, American Academy of Otolaryngology-Head and Neck Surgery Foundation
- 2001-2005 Allergy and Immunology Committee, American Academy of Otolaryngology-Head and Neck Surgery Foundation
- 2001-2004 Research Awards Committee, American Rhinologic Society
- 2002-2005 Credentials Committee, American Rhinologic Society
- 2004 Nominating Committee, American Rhinologic Society
- 2001-2003 Research Development and Liaison Subcommittee, American Academy of Otolaryngology-Head and Neck Surgery Foundation

Committees: Regional

- 2004-2007 Chair, Program Committee, Oregon Academy of Otolaryngology
- 2000-2006 Advisory Council on Hearing Aids, State of Oregon
Appointed by Governor John A. Kitzhaber

Committees: Institutional/Departmental

- 2006-2007 Residency Advisory Committee, OHSU
- 2003-2007 Women's Liaison Officer, American Association of Medical Colleges
Appointed by Joseph Robertson, M.D., Dean of Medicine, OHSU
- 2001-2007 Chairman, Resident Research Committee, Department of Otolaryngology, OHSU
- 2001-2003 Women in Academic Medicine Committee
Appointed by Joseph Bloom, MD, Dean of Medicine, OHSU

Other Academic Service

- 2013 Moderator/discussant, free paper session, American Rhinologic Society
Combined Otolaryngologic Spring Meetings, Orlando, FL

- 2012 Panel chair, “Advances in Biomedical Technologies in Rhinology”, American Rhinologic Society Summer Sinus Symposium, July 13, 2012, Chicago, IL
- 2009 Moderator/discussant, free paper session, American Rhinologic Society annual meeting, San Diego, CA
- 2009 Moderator/discussant, free paper session, Rhinology World Conference, Philadelphia, PA
- 2007 Moderator/discussant, free paper session, American Rhinologic Society annual meeting, Washington, DC
- 2006 Moderator/discussant, free paper session, American Rhinologic Society annual meeting, Toronto, Canada
- 2006 Moderator/discussant, free paper session, American Rhinologic Society meeting, Combined Otolaryngologic Spring Meetings, Chicago, IL.
- 2005 Moderator, Research Forum session, American Academy of Otolaryngology-Head and Neck Surgery annual meeting, Los Angeles, CA.
- 2004 Moderator/discussant, free paper session, American Rhinologic Society fall meeting, New York, NY.
- 2004 Moderator/discussant, free paper session, American Rhinologic Society meeting, Combined Otolaryngologic Spring Meetings, Phoenix, AZ.
- 2002 Moderator/discussant, free paper session, American Rhinologic Society fall meeting, San Diego, CA
- 2002 Moderator/discussant, free paper session, American Rhinologic Society meeting, Combined Otolaryngologic Spring Meetings, Boca Raton, FL.

Editorial and Ad Hoc Review Activities:

1. Guest Editor, *Otolaryngologic Clinics of North America*
Issue title: “Olfaction and Taste”, December 2004.
2. Reviewer, *American Journal of Rhinology*
3. Reviewer, *Laryngoscope*
4. Reviewer, *International Forum of Allergy and Rhinology*

SCHOLARSHIP

Academic Honors

- 2002 First place, poster presentation, Society of Otolaryngology-Head and Neck Surgery Nurses annual meeting, San Diego, CA.
- 1997 Second Place Award, Chicago Laryngological and Otological Society Lederer-Pierce Resident Research Competition
- 1997 First Place Award, Northwestern University Medical School, Department of Otolaryngology Resident Research Symposium
- 1996 First Place Award, Northwestern University Medical School, Department of Otolaryngology Resident Research Symposium

Funded Research:

- 2005 Determinants of surgical outcomes in chronic sinusitis
Source: NIH NIDCD 7R01DC005805
Principal Investigator: Timothy Smith, MD, MPH
Amount: \$1,944,486
Period: July 1, 2004-June 30, 2009
% Effort: 10%
- 2002 Influence of estrogen on maturation of olfactory neurons
Principal Investigator: Karen J. Fong, MD
Award: \$25,000/24 mos.
The American Rhinologic Society New Investigator Research Grant
- 2002 Effects of estrogen on olfactory receptor neurons
Principal Investigator: Karen J. Fong, MD
Award: \$30,000/12 mos.
Medical Research Foundation of Oregon
- 1997 Olfactory Na, K –ATPase: Regulation by Corticosteroids.
Principal Investigator: Karen J. Fong, MD.
Award: \$24,994/12 mos.
The Triological Society Research Training Award

Publications

Original articles

Jerger J, Ali A, Fong K, Tseng E: Otoacoustic emissions, audiometric sensitivity loss, and speech understanding: a case study. *J Am Acad Audiol.* 1992; 3: 283-286.

Fong KJ, Kaplan SL: The use of intravenous immunoglobulin in Kawasaki disease. *Seminars in Pediatric Infectious Diseases.* 1992; 3: 174-178.

Shaw RD, Fong KJ, Losonsky GA, Levine MM, Maldonado Y, Yolken R, Flores J, Kapikian AZ, Vo PT, Greenberg HB: Epitope-specific immune responses to rotavirus vaccination. *Gastroenterology.* 1987; 93: 941-50.

Fong KJ and Dunham ME: Inflammatory diseases of the pediatric airway. *Current Opinions in Otolaryngology-Head and Neck Surgery.* 1996;4: 429-433.

Robinson AM, Kern RC, Foster JD, Fong KJ, Pitovski DZ: Expression of glucocorticosteroid receptor protein in the olfactory mucosa: physiologic and pathophysiologic implications. *Laryngoscope,* 1998;108(8): 1238-1242.

Fong KJ, Kern RC, Foster JD, Zhao JC, Pitovski DZ: Olfactory secretion and sodium, potassium-adenosine triphosphatase: regulation by corticosteroids. *Laryngoscope,* 1999;109(3): 383-388.

Zacharek MA, Hwang PH, Fong KJ: The office management of recalcitrant rhinosinusitis. *Otolaryngologic Clinics of North America,* 2004; 37(2): 365-79.

Hadley K, Orlandi RR, Fong KJ: Basic anatomy and physiology of olfaction and taste. *Otolaryngologic Clinics of North America.* 2004; 37(6):1115-26.

Han JK, Smith TL, Loehrl TA, Fong KJ, Hwang PH: Surgical revision of the post-Caldwell-Luc maxillary sinus. *American Journal of Rhinology,* 2005; 19(5):478-82.

Hwang PH, Han JK, Bilstrom EJ, Kingdom TT, Fong KJ: Surgical revision of the failed obliterated frontal sinus. *American Journal of Rhinology,* 2005; 19(5):425-9.

Ghaaheri BA, Fong KJ, Hwang PH: The utility of bipolar electrocautery in hereditary hemorrhagic telangiectasia: a preliminary report. *Otolaryngology-Head and Neck Surgery,* 2006; 134(6):1006-9.

Hwang PH, Woo RJ, Fong KJ: Intranasal deposition of nebulized saline: A radionuclide distribution study. *American Journal of Rhinology,* 2006; 20(3): 255-61.

Zacharek MA, Fong KJ, Hwang PH: Image-guided frontal trephination: A minimally invasive approach for hard-to-reach frontal sinus disease. *Otolaryngology-Head and Neck Surgery*, 2006; 135(4): 518-22.

Litvack JR, Fong K, Mace J, James KE, Smith TL: Predictors of olfactory dysfunction inpatients with chronic rhinosinusitis. *Laryngoscope*, 2008; 118(12):2225-30.

Smith TL, Litvack JR, Hwang PH, Loehrl TA, Mace JC, Fong KJ, James KE. Determinants of outcomes of sinus surgery: a multi-institutional prospective cohort study. *Otolaryngol Head Neck Surg*, 2010; 142(1):55-63.

Fong KJ, Kern RC, Zhao JC, Bedoya O, Pitovski DZ: Sodium- and potassium-activated ATPase in the mammalian olfactory mucosa, submitted.

Shiley SG, Trune D, Fong KJ: Synaptic connections to the olfactory bulb under varying estrogen conditions, in revision.

Fong KJ, Woo RJ, Trune D: Effect of estrogen on olfactory neuron proliferation, in revision.

Book chapters

Andersen PE, Fong, KJ, Schleuning AJ: "Otologic Manifestations of Systemic Diseases." In: Bailey, et al. (eds): *Head and Neck Surgery-Otolaryngology*, third edition, Philadelphia, Lippincott Williams & Wilkins, 2001, pp 1859-1868.

Fong KJ and Zacharek MA: "Olfaction and Aging" In: Calhoun KH, et al (eds): *Geriatric Otolaryngology*, New York, Taylor & Francis Group, 2006, pp 173-180.

Khanna M, Fong KJ, Vaughan WC: "Epistaxis" In: Kennedy DW and Hwang PH (eds): *Rhinology: Diseases of the Nose, Sinuses, and Skull Base*, New York, Thieme Publishers, *in press*.

Multimedia/Electronic publications

Shiley S, Fong KA, Hwang PH. "Epistaxis." EBM Solutions evidence-based medicine reference module; www.ebmsolutions.com.

Oral Scientific Presentations

9/06 Ghaheri BA, Fong KJ, Hwang PH: The utility of bipolar electrocautery in hereditary hemorrhagic telangiectasia. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, Los Angeles, CA.

5/05 Fong KJ, Woo RJ, Trune D: Effect of estrogen on olfactory neuron proliferation. American Rhinologic Society spring meeting, COSM, Boca Raton, FL.

- 9/03 Shiley SG, Trune D, Fong KJ: Effect of estrogen on olfactory neuron connections to the olfactory bulb. American Rhinologic Society Fall Meeting, Orlando, FL.
- 5/03 Han JK, Smith TL, Loehrl TA, Fong KJ, Hwang PH: Management of late sequelae of the Caldwell-Luc procedure. American Rhinologic Society spring meeting, COSM, Nashville, TN.
- 5/03 Han JK, Bishop BD, Fong KJ, Hwang PH: Outcomes of endoscopic rhinologic surgical procedures performed in the office setting. American Rhinologic Society spring meeting, COSM, Nashville, TN.
- 9/02 Sanders AL, Fong KJ, Hwang PH: Endoscopic sinus surgery in the older adult population. American Rhinologic Society fall meeting, San Diego, CA.
- 5/98 Fong KJ, Kern RC, Pitovski DZ: Corticosteroid regulation of olfactory mucus secretion: physiologic and pathophysiologic implications. 101st Annual Meeting of the American Laryngological, Rhinological and Otological Society, Palm Beach, FL.
- 4/98 Fong KJ, Kern RC, Pitovski DZ: Na, K -ATPase subunit isoform expression in olfactory mucosa under the influence of corticosteroids. Association for Chemoreception Sciences, Sarasota, FL.
- 9/97 Fong KJ, Kern RC, Pitovski DZ: Autoradiographic localization of Na, K -ATPase in the mammalian olfactory mucosa: influence of aldosterone. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, San Francisco, CA.

Poster Presentations

- 2/06 Trune D, Kempton B, Fong KJ: Ovariectomy prevents hearing loss in autoimmune mice. Association for Research in Otolaryngology Midwinter meeting, Baltimore, MD.
- 9/02 McInnes RJA, Sanders AL, Fong KA, Hwang PH. Endoscopic sinus surgery in the older adult population. Society of Otolaryngology-Head and Neck Nurses annual meeting, San Diego, CA.
- 9/99 Fong KJ, Robinson AM, Kern RC, Pitovski DZ: Estrogen receptor expression in olfactory mucosa of steroid-treated rats. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, New Orleans, LA.

- 4/99 Pitovski DZ, Fong KJ, Robinson AM, Kern RC: Apoptotic death of olfactory neurons during different estrogen conditions. Association for Chemoreception Sciences XXI, Sarasota, FL.
- 4/99 Robinson AM, Fong KJ, Kern RC, Pitovski DZ: Does estrogen protect olfactory neurons from apoptosis through up-regulation of the Bcl-2 proto-oncogene? Association for Chemoreception Sciences XXI . Sarasota, FL.
- 4/99 Fong KJ, Robinson AM, Kern RC, Pitovski DZ: Expression of estrogen receptor α (ER α) mRNA and protein in the olfactory mucosa. Association for Chemoreception Sciences XXI , Sarasota, FL.
- 2/99 Fong KJ, Robinson AM, Kern RC, Pitovski DZ: Expression of estrogen receptors in the mammalian olfactory mucosa. Association for Research in Otolaryngology Midwinter meeting, St. Petersburg, FL.
- 9/98 Kern RC, Conley DB, Fong KJ, Haines GK: Chronic rhinosinusitis and anosmia: pathologic changes in the olfactory mucosa. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, San Antonio, TX.
- 4/98 Kern RC, Conley DB, Fong KJ, Haines GK: Olfactory pathology in chronic rhinosinusitis. Association for Chemoreception Sciences, Sarasota, FL.
- 2/98 Fong KJ, Kern RC, Pitovski DZ: Na, K -ATPase subunit isoform expression in the mammalian olfactory mucosa. Association for Research in Otolaryngology Midwinter Meeting, St. Petersburg, FL.
- 7/97 Fong KJ, Kern RC, Pitovski DZ: Regulation of Na, K -ATPase in the mammalian olfactory mucosa by aldosterone. Association for Chemoreception Sciences/International Society of Olfaction and Taste XII , San Diego, CA.
- 2/97 Fong KJ, Kern RC, Pitovski DZ: Autoradiographic localization of Na, K-ATPase in the mammalian olfactory mucosa. Association for Research in Otolaryngology Midwinter Meeting, St. Petersburg, FL.
- 9/96 Fong KJ, Kern RC, Foster J, Pitovski DZ: Aldosterone regulation of Na, K-ATPase activity in the mammalian olfactory mucosa. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, Washington, DC.
- 9/95 Fong KJ, Kern RC, Foster J, Pitovski DZ: Corticosteroids and the olfactory mucosa. American Academy of Otolaryngology-Head and Neck Surgery annual meeting, New Orleans, LA.

- 5/88 Fong KJ, Castillo RO, et al.: Role of intraluminal insulin and insulin-like growth factor-I in intestinal growth and maturation. American Academy of Gastroenterology.

Conferences and Lectures:

- 10/18/2012 “Application of New Biomedical Therapies in Endoscopic Sinus Surgery” Cedars Sinai Multidisciplinary Conference on the Care and Treatment of Adult and Pediatric Patients with Sinus Problems, Los Angeles, CA
- 2/6/2010 “Current management strategies for chronic sinusitis” Allergy, Asthma & Immunology Foundation of Northern California 2010 Symposium: At the Edge of Allergies, San Francisco, CA
- 11/6/2009 “Current strategies in the management of chronic sinusitis” Grand Rounds, John Muir Medical Center, Walnut Creek, CA
- 8/19/2009 “Sinusitis: Where are we now? Where are we going?” Sinus Care Foundation Launch Event, Menlo Park, CA
- 6/16/2009 “Chronic rhinosinusitis” Grand Rounds, Salinas Memorial Hospital, Salinas, CA
- 4/18/2009 Miniseminar: “Olfaction” (panelist), Rhinology World Conference, Philadelphia, PA
- 2/14/2009 “Medical management of chronic rhinosinusitis” California Sinus Institute Advanced Techniques in Endoscopic Sinus Surgery, Palo Alto, CA
- 1/29/2009 “Biofilms and chronic rhinosinusitis” Grand Rounds, Department of Otolaryngology-HNS, Stanford University, Stanford, CA
- 10/08 “Management of chronic sinusitis” Grand Rounds, Valley Care Hospital, Pleasanton, CA
- 2/08 “Common causes of failure in FESS” California Sinus Institute Advanced Techniques in Endoscopic Sinus Surgery, Palo Alto, CA
- 2/08 “Office-based rhinology” California Sinus Institute Advanced Techniques in Endoscopic Sinus Surgery, Palo Alto, CA
- 2/08 “What’s new in sinus care? New treatment options for patients”, Danville, CA
- 2/08 “Olfactory dysfunction and chronic rhinosinusitis” Rhinology Conference, Department of Otolaryngology-HNS, Stanford University, Stanford, CA

- 1/07 “Olfactory dysfunction and chronic rhinosinusitis” Grand Rounds, Department of Otolaryngology-HNS, University of California, San Diego, San Diego, CA
- 1/07 “Chronic sinusitis in adults” Northwest Academy of Otolaryngology-HNS Mid-Winter Meeting, Whistler, BC
- 10/06 “Update in olfaction” Western States Rhinology Course, Sonoma, CA
- 10/06 “Adding allergy to your practice” Western States Rhinology Course, Sonoma, CA
4/06 “What’s new in the science of olfaction” Grand Rounds, Stanford University Department of Otolaryngology.
- 4/06 “Testing method in otolaryngic allergy: antigen selection.” Stanford University Department of Otolaryngology, resident teaching rounds.
- 3/06 “Basic science of olfaction and taste” AAOA Masters in Rhinology, Sonoma, CA
- 3/06 “Evaluation and management of smell and taste disorders” AAOA Masters in Rhinology, Sonoma, CA
- 2005-07 “Rhinitis” Lecture to Physician Assistant students, Oregon Health and Science University, annual.
- 10/04 “Medical Therapies in Rhinosinusitis: Antimicrobial”. Western States Rhinology Course, Sonoma, CA
- 10/04 “What’s New in Olfaction?” Western States Rhinology Course, Sonoma, CA
- 9/04 Panel: “Olfactory loss associated with nasal and sinus disease-conductive or sensory?” American Rhinologic Society Fall Meeting.
- 2000-06 “Management of Acute and Chronic Sinusitis” Lecture to 3rd year medical students, Oregon Health and Science University, annual.
- 2000-05 “Contemporary Management of Acute and Chronic Sinusitis” Lecture to Physician Assistant students, Oregon Health and Science University, annual.
- 2000-05 “Topographic anatomy of the head and neck” Facilitator of small group sessions to first year medical students, Gross Anatomy and Embryology, Oregon Health and Science University, annual.
- 1/04 “What’s New in the Science of Olfaction?” Midwinter Meeting, Northwest Academy of Otolaryngology, Whistler, British Columbia

- 10/03 “Radiology of the Sinuses”. Sinusitis for Primary Care Conference, Portland, Oregon.
- 10/03 “Issues in antibiotic selection” Sinusitis for Primary Care Conference., Portland, Oregon.
- 10/03 “Case Scenarios”. Sinusitis for Primary Care Conference., Portland, Oregon.
- 9/03 “Treatment Advances for Chronic Rhinosinusitis”, Portland, Oregon.
- 7/02 “Antibiotic Update and Antibiotic Resistance”. The Oregon Sinus Course, Portland, Oregon
- 7/02 “Disorders of Olfaction.” The Oregon Sinus Course, Portland, Oregon.
- 5/02 “Contemporary Management of Acute and Chronic Sinusitis.” Portland, Oregon
- 7/01 “Antibiotic Update and Antibiotic Resistance”. The Oregon Sinus Course, Portland, Oregon
- 7/01 “Disorders of Olfaction.” The Oregon Sinus Course, Portland, Oregon.
- 3/01 “Treatment of Acute Sinusitis: Antibiotic Update and Related Resistance Issues”. Salem, Oregon
- 8/00 “Antibiotic Update and Antibiotic Resistance”. The Oregon Sinus Course, Portland, Oregon
- 8/00 “Office Rhinology.” The Oregon Sinus Course, Portland, Oregon
- 8/00 “Disorders of Olfaction.” The Oregon Sinus Course, Portland, Oregon.
- 12/99 “Current concepts in the diagnosis and management of sinusitis”. Grand Rounds, St. John’s Medical Center. Longview, Washington.
- 11/99 “The role of steroids in olfactory disorders Oregon Academy of Otolaryngology fall meeting, Portland, Oregon
- 1999-07 “Otolaryngology Quiz: Rhinology” Annual 4 week resident education series on nasal and sinus disorders, OHSU.

TEACHING/MENTORSHIP

Teaching Awards

2006 Teacher of the Year Award, OHSU Department of Otolaryngology-Head and Neck Surgery

Teaching Activities

2008-present Co-director, California Sinus Institute, Advanced Techniques in Endoscopic Sinus Surgery, Palo Alto, CA (annual)

2008-present Faculty mentor, Laboratory dissection, California Sinus Institute, Advanced Techniques in Endoscopic Sinus Surgery, Palo Alto, CA (annual)

2008-present Co-director, Fellowship in Rhinology and Advanced Sinus Surgery, California Sinus Centers, Atherton and Walnut Creek, CA

2007-2008 Co-director, Fellowship in Rhinology and Advanced Sinus Surgery, California Sinus Institute, Palo Alto and San Ramon, CA

2007-present Faculty mentor, laboratory dissection for Stanford otolaryngology residents, Stanford, CA (annual)

2013-present Faculty lecturer, "Acute Rhinosinusitis", for Stanford medical students, Stanford, CA (monthly)

2002 Co-director, The Oregon Sinus Course. 3 day national sinus course featuring lectures and cadaver dissection lab.

2007, 2008 "Management of chronic rhinosinusitis"-Lecture
Western Residents Advanced FESS Course, Loma Linda, CA

2007 "Complication of functional endoscopic sinus surgery"-Lecture
Western Residents Advanced FESS Course, Loma Linda, CA

2004-05 Medical students 1st year- Principals of Clinical Medicine Preceptor

2005-07 Medical students 2nd year-Principals of Clinical Medicine Preceptor

Annual Medical students 3rd year-Lecture "Management of Acute and Chronic Sinusitis"

Physician Assistant students/Family Medicine Residents- Lecture "Management of Acute and Chronic Sinusitis"

Physician Assistant students/Family Medicine Residents- Lecture "Rhinitis"

Otolaryngology residents-Lecture “Smell and taste disorders”

Otolaryngology residents-Lecture “Allergy testing”

Otolaryngology residents-Lecture “Basic Grantsmanship”

Otolaryngology residents-Lecture “Antimicrobial therapy in the treatment of sinusitis”

Otolaryngology residents-Quiz session “Epistaxis”

Otolaryngology residents-Quiz session “Allergy”

Otolaryngology residents- Quiz session “Olfaction and taste”

Otolaryngology residents-Quiz session “Anatomy and embryology of the paranasal sinuses”

Mentoring relationships

Fellows:

Joseph Han, MD
Mark Zacharek, MD
Jose Busquets, MD
Manish Khanna, MD
Roy Thomas, MD
Alex Stewart, MD
David Clark, MD
Peter Killian, MD
Nadeem Akbar, MD
Darshni Vira, MD

Residents:

Samuel Shiley, MD (research)
Sande Bartels, MD (academic development)
Douglas Reh, MD (academic development)

Medical Students:

Amy Sanders, MD (research, academic development)
Renee Rutledge, BS (research)
Steven Olsen, BS (research, academic development)

Undergraduate/Predoctoral Students:

Rachel Woo, BS (research, academic development)