

CURRICULUM VITAE

Richard R. Orlandi, M.D., F.A.C.S.

Division of Otolaryngology – Head and Neck Surgery

University of Utah

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EDUCATION

- 1983-1987 B.S., Biology, *Summa Cum Laude*
University of Utah, Salt Lake City, Utah
- 1987-1991 M.D., *Alpha Omega Alpha*
New York University School of Medicine, New York, New York

POSTGRADUATE EDUCATION

- 1991-1997 Otolaryngology Residency
Division of Head and Neck Surgery
UCLA School of Medicine, Los Angeles, California
- 1997-1998 Rhinology and Sinus Surgery Fellowship
Department of Otorhinolaryngology: Head and Neck Surgery
University of Pennsylvania, Philadelphia, Pennsylvania
- 2001-2002 Daiichi Clinical Scholars Course in Research Methodology, American
Academy of Otolaryngology – Head and Neck Surgery
- 2007-2008 Leadership Development for Physician Executives, David Eccles School
of Business, University of Utah, Salt Lake City, Utah

ACADEMIC APPOINTMENTS

- 1997-1998 Lecturer, Department of Otorhinolaryngology: Head and Neck Surgery,
University of Pennsylvania, Philadelphia, Pennsylvania
- 1998-2000 Assistant Professor, Department of Otolaryngology - Head and Neck
Surgery, University of Michigan, Ann Arbor, Michigan
- 2000-2005 Assistant Professor, Division of Otolaryngology – Head and Neck
Surgery, Department of Surgery, University of Utah, Salt Lake City, Utah

2005- Associate Professor, Division of Otolaryngology – Head and Neck Surgery, Department of Surgery, University of Utah, Salt Lake City, Utah

VISITING PROFESSORSHIPS

1999 Visiting Professor, Division of Head and Neck Surgery, UCLA, April 21, 1999.

2003 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, Oregon Health and Science University, July 26, 2003.

2003 Visiting Professor, Department of Otolaryngology and Communicative Disorders, Cleveland Clinic, October 15, 2003.

2004 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, Oregon Health and Science University, July 26, 2004.

2005 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, University of California Davis, May 6-7, 2005.

2005 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, Henry Ford Hospital, June 10, 2005.

2006 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, Kaiser Permanente Oakland Medical Center, May 5, 2006.

2007 Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, Stanford University Medical Center, January 25, 2007.

2009 Visiting Professor, Head and Neck Institute, Cleveland Clinic, February 9, 2009.

STUDY SECTIONS

2005 Member, Research in Otolaryngology and Allergy Development, American Academy of Otolaryngic Allergy

2006- Chair, Research Grants Review Committee, American Academy of Otolaryngic Allergy Foundation

2006- Member, Centralized Otolaryngology Research Efforts Program (CORE), American Academy of Otolaryngology – Head and Neck Surgery

2007-2013 Chair, General Otolaryngology Study Section, Centralized Otolaryngology Research Efforts Program (CORE), American Academy of Otolaryngology – Head and Neck Surgery

EDITORIAL BOARDS

1997- Reviewer, *The American Journal of Rhinology*

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| 1999- | Reviewer, <i>Annals of Otolology, Rhinology, and Laryngology</i> |
| 2000- | Reviewer, <i>The Laryngoscope</i> |
| 2001- | Reviewer, <i>Otolaryngology – Head and Neck Surgery</i> |
| 2002- | Reviewer, <i>Lasers in Surgery and Medicine</i> |
| 2002-2005 | Editorial Board, <i>The American Journal of Rhinology</i> |
| 2006-2010 | Associate Editor, <i>The American Journal of Rhinology</i> |
| 2010- | Editorial Board, <i>Allergy and Rhinology</i> |

HONORS AND AWARDS

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| 1983 | President’s Scholarship, University of Utah |
| 1987 | Phi Beta Kappa |
| 1987 | Phi Kappa Phi |
| 1990 | Alpha Omega Alpha |
| 1992 | Outstanding Physician, Honorable Mention, UCLA Department of Nursing |
| 2002 | Leland P. Johnson Teaching Award, Division of Otolaryngology – Head and Neck Surgery, University of Utah |
| 2004 | Dr. Maurice Cottle Research Award, American Rhinologic Society |
| 2004 | Sam Sanders Basic Science Research Award, American Academy of Otolaryngic Allergy |
| 2007 | Honor Award, American Academy of Otolaryngology – Head and Neck Surgery Foundation |
| 2009 | Leland P. Johnson Teaching Award, Division of Otolaryngology – Head and Neck Surgery, University of Utah |

RESEARCH ACTIVITIES

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|-----------|---|
| 1997-1998 | Co-Investigator, “Analysis of Bone-Induced Mucosal Inflammation in Chronic Sinusitis,” Prinicpal Investigator: David W. Kennedy, MD, Department of Otorhinolaryngology: Head and Neck Surgery, University of Pennsylvania, Philadelphia, Pennsylvania; Sponsor: Eli Lilly |
| 1998-1999 | Co-Investigator, “A Double-Blind, Randomized, Placebo-controlled Study to Assess the Efficacy and Safety of Mupirocin Calcium Nasal Spray, 5% for the Prevention of Recurrent Acute Bacterial Sinusitis,” Principal Investigator: Jeffrey E. Terrell, MD, Department of Otolaryngology - Head and Neck Surgery, University of Michigan, Ann Arbor, Michigan, Sponsor: Smithkline Beecham (\$23,230) |

- 2000 Principal Investigator, “Association of Chronic Sinusitis and Inverted Papilloma,” Department of Otolaryngology—Head and Neck Surgery, University of Michigan, Ann Arbor, Michigan.
- 2000- Principal Investigator, “Topical Mitomycin C to Prevent Stenosis Following Endoscopic Frontal Sinus Surgery,” Division of Otolaryngology-Head and Neck Surgery, University of Utah.
- 2001-2002 Co-Investigator, “Impact of Sinus CT on the Diagnosis and Treatment of Patients with Chronic Sinusitis,” Principal Investigator: Yoshimi Anzai, MD, Department of Radiology, University of Washington.
- 2001-2002 Principal Investigator, “Comparative Analysis of Irrigating Systems in Chronic Rhinosinusitis,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsors: Wolfe-Tory Medical, Sinus Pharmacy (\$2,250)
- 2002 Faculty Sponsor/Co-Investigator, “Glycosaminoglycans and Wound Healing in the Maxillary Sinus Mucosa,” Principal Investigator: M. Erik Gilbert, MD, Division of Otolaryngology-Head and Neck Surgery, University of Utah.
- 2002 Principal Investigator, “Cost Analysis of Treatment of Posterior Epistaxis,” Division of Otolaryngology-Head and Neck Surgery, University of Utah.
- 2003-2005 Principal Investigator, “Allergic Fungal versus Eosinophilic Mucin Rhinosinusitis,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsors: American Academy of Otolaryngic Allergy and University of Utah University Research Committee Faculty Research Grant (\$11,000)
- 2004 Principal Investigator, “Nanostenting Hydrogels for Sinus Surgery,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsor: National Institute of Biomedical Imaging and Bioengineering, NIH (\$100,000)
- 2005-2007 Principal Investigator, “Climate Effect on Fungal-Induced Cytokine Response in Chronic Rhinosinusitis,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsor: American Academy of Otolaryngic Allergy (\$10,000)
- 2006 Principal Investigator, “Image guidance: A survey of attitudes and use,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsor: Medtronic ENT Corporation (\$1,000)
- 2007-2008 Principal Investigator, “Development of an Animal Model for Sinus Wound Healing,” Division of Otolaryngology-Head and Neck Surgery, University of Utah, Sponsors: Education Resources Development Council, University of Utah (\$3,000) and American Academy of Otolaryngology – Head and Neck Surgery Foundation (\$24,825)
- 2008-2009 Faculty Sponsor/Co-Investigator, “Intranasal Anatomic Differences in Gene Expression in Chronic Sinusitis,” Principal Investigator: Steven M.

Daines, MD, Division of Otolaryngology-Head and Neck Surgery,
University of Utah, Sponsor: American Academy of Otolaryngic Allergy
(\$5,000)

2009-2010 Faculty Sponsor/Co-Investigator, “Correlating Sinonasal Tissue and
Secretion Inflammatory Protein Levels,” Principal Investigator: Matthew
Wilson, MD, Division of Otolaryngology-Head and Neck Surgery,
University of Utah, Sponsor: American Academy of Otolaryngic Allergy
(\$3,960)

COMMITTEE AND ADMINISTRATIVE SERVICE

National

1994-1997 Representative, Committee of Residents and Fellows in Training,
American Academy of Otolaryngology – Head and Neck Surgery

2001-2007 Member, SIPac (Self-Instructional Packet) Faculty, American Academy of
Otolaryngology – Head and Neck Surgery

2002-2006 Member, Program Committee, Annual Meeting Scientific Program,
American Rhinologic Society

2002-2006 Member, Membership Committee, American Rhinologic Society

2002-2004 Member, Board of Governors, American Academy of Otolaryngology –
Head and Neck Surgery

2003-2006 Member, Task Force on New Materials, American Board of
Otolaryngology

2003-2005 Consultant to the Board of Directors, American Rhinologic Society

2003-2009 Member, Terminology & CPT Coding Committee, American Academy of
Otolaryngology – Head and Neck Surgery

2004-2006 Chairman, Newsletter Committee, American Rhinologic Society

2005-2008 Research Grant Committee, American Rhinologic Society

2006 Alternative Guest Examiner, American Board of Otolaryngology

2006- Member, Building Evidence of Successful Treatment in Otolaryngology
(BEST-ENT) Network, National Center for Promotion of Research in
Otolaryngology, American Academy of Otolaryngology – Head and Neck
Surgery

2006 Chair, Performance Improvement Committee, American Academy of
Otolaryngic Allergy Academic Retreat

2007-2008 Guest Examiner, American Board of Otolaryngology

2007-2010 Member, Rhinology and Allergy Education Committee, American
Academy of Otolaryngology – Head and Neck Surgery

- 2007-2009 Member, Clinical Research Planning Committee, Rhinology World 2009 Meeting
- 2007-2013 Co-Chair, Combined Otolaryngology Research Effort (CORE) Committee, American Academy of Otolaryngology – Head and Neck Surgery Foundation
- 2008-2010 Member, Research Steering Committee, American Academy of Otolaryngology – Head and Neck Surgery Foundation
- 2009-2012 Representative for the American Rhinologic Society, Rhinology and Paranasal Sinus Committee, American Academy of Otolaryngology – Head and Neck Surgery
- 2009-2012 Director, Board of Directors, American Rhinologic Society

Regional

- 2001-2002 Secretary/Treasurer/President-Elect, Utah Society of Otolaryngology – Head and Neck Surgery
- 2002-2004 President, Utah Society of Otolaryngology – Head and Neck Surgery
- 2002-2007 Representative (Otolaryngology), Medicare Carrier Advisory Committee

Institutional

- 1997-1998 Specialist Co-Champion, Adult Sinusitis Management Program, Health and Disease Management Development Team, University of Pennsylvania Health System
- 1998-2000 Associate Director, Michigan Sinus Center, University of Michigan Center for Specialty Care, Livonia, Michigan
- 1999-2000 Member, Cranial Base Program, University of Michigan, Ann Arbor, Michigan
- 1998-2000 Co-Leader (Otolaryngology), Sinusitis Guideline Update Team, University of Michigan Health System
- 1998-2000 Leader, Allergic Rhinitis Guideline Development Team, University of Michigan Health System
- 1998-2000 Member, Residency Education Advisory Committee on Teaching, Department of Otolaryngology - Head and Neck Surgery, University of Michigan Medical School
- 1998-2000 Member, Medical Student Education Committee, Department of Otolaryngology - Head and Neck Surgery, University of Michigan Medical School
- 1998-2000 Member, Incentive Redesign Committee, Department of Otolaryngology - Head and Neck Surgery, University of Michigan Medical School

- 2000-2004 Member, Education Committee, Division of Otolaryngology – Head and Neck Surgery, University of Utah
- 2001-2004 Coordinator for Resident Selection, Division of Otolaryngology – Head and Neck Surgery, University of Utah
- 2002- Medical Director, Surgical Specialty Center, University of Utah Health Sciences Center, Salt Lake City, Utah
- 2002-2004 Chairman, Education Committee, Division of Otolaryngology – Head and Neck Surgery, University of Utah
- 2002-2009 Chief, Otolaryngology Section, Veterans Administration Hospital, Salt Lake City, Utah
- 2004-2008 Associate Director, Center for Therapeutic Biomaterials, Center of Excellence Program, State of Utah
- 2007- Member, Clinical Operations Committee, University of Utah Medical Group
- 2008- Member, Patient Experience Committee, University of Utah Medical Group
- 2009- Member, Ambulatory Surgery Center Design Committee, University Healthcare, University of Utah
- 2009- Member, Clinical Faculty Recruitment and Retention Task Force, University of Utah Medical Group
- 2010- Member, Finance Committee, University of Utah Medical Group
- 2010- Member, Ambulatory Surgery Center Planning Committee, University of Utah

COMMUNITY SERVICE

- 2001-2006 Unit Medical Director, Summer and Winter Camps, Foundation for Children and Youth with Diabetes
- 2002-2008 Scoutmaster, Boy Scouts of America
- 2007-2010 Board of Directors, Juvenile Diabetes Research Foundation, Utah Chapter

BUSINESS RELATIONSHIPS

- 1999-2003 Consultant, Bayer Pharmaceuticals
- 2001-2004 Advisory Board, GlaxoSmithKline
- 2002-2004 Advisory Board, Abbott Laboratories
- 2004-2005 Co-founder and Chief Medical Officer, Sentrx Surgical
- 2006-2009 Consultant, Carbylan Biosurgery, Inc. (successor of Sentrx Surgical)

2006-2007 Consultant, Mpex Pharmaceuticals, Inc.
2007, 2009 Consultant, Medtronic ENT
2009- Consultant, Entellus Medical

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Fellow, American Laryngological Rhinological and Otolocical Society (Triologic Society)
Thesis: A Systematic Analysis of Septal Deviation Associated with Rhinosinusitis

Fellow, American Academy of Otolaryngology – Head and Neck Surgery

Fellow, American Rhinologic Society

Fellow, American College of Surgeons

Member, American Academy of Otolaryngic Allergy

Member, Society of University Otolaryngologists – Head and Neck Surgeons

Member, Association for Research in Otolaryngology

Member, Pacific Coast Oto-Ophthamologic Society

Member, Utah Society of Otolaryngology – Head and Neck Surgery

Member, American Medical Association

Member, Utah Medical Association

Member, Salt Lake County Medical Society

HOSPITAL APPOINTMENTS

1997-1998 Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania;
Active Attending Staff

1998-2000 University of Michigan Hospitals, Ann Arbor, Michigan; Active
Attending Staff

1998-2000 Veterans Administration Hospital, Ann Arbor, Michigan; Consultant
Physician

2000- University of Utah Health Sciences Center, Salt Lake City, Utah; Active
Attending Staff

2000- LDS Hospital, Salt Lake City, Utah; Active Attending Staff

2000- Primary Children’s Medical Center, Salt Lake City, Utah;
Associate/Courtesy Staff

2000-2001 Veterans Administration Hospital, Salt Lake City, Utah; Consultant
Physician

2001- Veterans Administration Hospital, Salt Lake City, Utah; Staff Physician

BOARD CERTIFICATION AND LICENSURE

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| 1998 | Diplomate, American Board of Otolaryngology |
| 1993-1998 | Medical License, State of California |
| 1997-2000 | Medical License, State of Pennsylvania |
| 1998-2001 | Medical License, State of Michigan |
| 2000- | Medical License, State of Utah |

BIBLIOGRAPHY

Publications

Original Peer-Reviewed Publications

1. Huang WM, Ao SZ, Casjens S, **Orlandi RR**, Zeikus R, Weiss R, Winge D, Fang M: A persistent untranslated sequence within bacteriophage T4 DNA topoisomerase gene 60. *Science* 239:1005-1012, 1988.
2. **Orlandi RR**, Sercarz JA, Calcaterra TC. Custom Silastic keel for anterior laryngeal reconstruction. *Laryngoscope* 104:1167-1169, 1994.
3. **Orlandi RR**, Sercarz JA, Calcaterra TC. Malignant clear cell hidradenoma of the upper lip. *Head and Neck Surgery* 16:443-449, 1994.
4. **Orlandi RR**, Lanza DC, Bolger WE, Clerico DM, Kennedy DW. The forgotten turbinate: the role of the superior turbinate in endoscopic sinus surgery. *American Journal of Rhinology* 13:251-259, 1999.
5. Perloff JR, Gannon FH, Bolger WE, Montone KT, **Orlandi R**, Kennedy DW. Bone involvement in sinusitis: an apparent pathway for the spread of disease. *Laryngoscope* 110:2095-2099, 2000.
6. Samadi DS, Goldberg AN, **Orlandi RR**. Granulocyte transfusion in the management of fulminant invasive fungal sinusitis, *American Journal of Rhinology* 15:263-265, 2001.
7. **Orlandi RR**, Terrell JE. Analysis of the adult chronic rhinosinusitis working definition. *American Journal of Rhinology*, 16:7-10, 2001.
8. **Orlandi RR**, Rubin A, Terrell JE, Anzai Y, Bugdaj M, Lanza DC. Sinus inflammation associated with contralateral inverted papilloma. *American Journal of Rhinology* 16:91-95, 2002.
9. Liu JK, Decker D, Schaefer SD, Moscatello AL, **Orlandi RR**, Weiss MH, Couldwell WT. Zones of approach for craniofacial resection: Minimizing facial incisions for resection of anterior skull base and paranasal sinus tumors. *Neurosurgery* 53:1126-1137, 2003.

10. Liu JK, O'Neill B, **Orlandi RR**, Moscatello L, Jensen RL, Coudwell WT. Endoscopic-assisted craniofacial resection of esthesioneuroblastoma: minimizing facial incisions. *Minimally Invasive Neurosurgery* 46:310-315, 2003.
11. Couldwell WT, Liu JK, **Orlandi RR**, Weiss MH. Zones of exposure in surgical approaches to the anterior skull base and paranasal sinuses. *Contemporary Neurosurgery*. 25:1-12, 2003.
12. Dunn JJ, Wolfe M, Trachtenberg J, Kriesel J, **Orlandi RR**, Carroll KC. Invasive fungal sinusitis in a lung transplant recipient caused by *Scytalidium dimidiatum*. *J Clin Microbiol*. 41:5817-9, 2003
13. Liu JK, **Orlandi RR**, Apfelbaum RI, Couldwell WT. Novel closure technique for the endonasal transsphenoidal approach. *Journal of Neurosurgery*. 100:161-164, 2004.
14. Miller TR, Muntz HR, Gilbert ME, **Orlandi RR**. Comparison of topical medication delivery systems after sinus surgery. *Laryngoscope* 114:201-4, 2004.
15. **Orlandi RR**. Biopsy and specimen collection in chronic rhinosinusitis. *Annals of Otolaryngology, Rhinology, and Laryngology (Suppl)* 193:24-26, 2004.
16. Gilbert ME, Kirker KR, Ward D, Gray SD, Prestwich GD, **Orlandi RR**. Chondroitin sulfate hydrogel and wound healing in maxillary sinus mucosa. *Laryngoscope*. 114:1406-9, 2004.
17. **Orlandi RR**, Lanza DC. Is nasal packing necessary following endoscopic sinus surgery? *Laryngoscope* 114:1541-1544, 2004.
18. **Orlandi RR**, Shelton C. Endoscopic closure of the eustachian tube. *American Journal of Rhinology* 18:363-5, 2004.
19. Yorgason JG, Arthur AS, **Orlandi RR**, Apfelbaum RI. Endoscopic decompression of tension pneumosella following transsphenoidal pituitary tumor resection. *Pituitary*. 7(3):171-7, 2005.
20. Miller TR, Stevens ES, **Orlandi RR**. Economic analysis of the treatment of posterior epistaxis. *American Journal of Rhinology* 19:79-82, 2005.
21. Millar D, **Orlandi RR**. The sphenoid sinus natural ostium is consistently medial to the superior turbinate. *American Journal of Rhinology* 20:180-1, 2006.
22. Proctor M, Proctor K, Shu XZ, McGill LD, Prestwich GD, **Orlandi RR**. Composition of hyaluronan affects wound healing in the rabbit maxillary sinus. *American Journal of Rhinology* 20:206-11, 2006.
23. Prestwich GD, Shu XZ, Liu Y, Cai S, Walsh JF, Hughes CW, Ahmad S, Kirker KR, Yu B, **Orlandi RR**, Park AH, Thibeault SL, Duflo S, Smith ME. Injectable synthetic extracellular matrices for tissue engineering and repair. *Advances in Experimental Medicine and Biology* 585:125-33, 2006.
24. Kan P, Stevens EA, **Orlandi RR**, Couldwell WT. Carotid artery-sparing repair of cavernous carotid artery pseudoaneurysm. *Journal of Neurosurgery* 104:978, 2006.

25. **Orlandi RR**, Petersen E. Image guidance: A survey of attitudes and use. *American Journal of Rhinology* 20:406-411, 2006.
26. Smith TL, Stewart MG, **Orlandi RR**, Setzen M. Current indications for image guided sinus surgery: the evidence. *American Journal of Rhinology* 21:80-3, 2007.
27. **Orlandi RR**, Thibeault S, Ferguson BJ. Microarray analysis of allergic fungal sinusitis and eosinophilic mucin rhinosinusitis. *Otolaryngology – Head and Neck Surgery* 136:707-13, 2007.
28. **Orlandi RR**, Shu XZ, McGill LD, Petersen E, Prestwich GD. Structural variations in a single hyaluronan derivative significantly alter wound-healing effects in the rabbit maxillary sinus. *Laryngoscope* 117:1288-1295, 2007.
29. **Orlandi RR**, Marple BF. Development and evaluation of new technologies in otolaryngology – head and neck surgery. *Otolaryngology – Head and Neck Surgery* 137:529-531, 2007
30. Hewitt KM, **Orlandi RR**. Suture medialization of the middle turbinates during endoscopic sinus surgery. *ENT Journal* 87:E11, 2008.
31. **Orlandi RR**, Knight J. Prolonged stenting of the frontal sinus. *Laryngoscope* 119:190-2, 2009.
32. **Orlandi RR**, Wiggins RH. Radiologic sinonasal findings in adults with cystic fibrosis. *American Journal of Rhinology and Allergy*. 23:307-11, 2009.
33. Marple BF, Stringer S, Batra PS, Bhattacharyya N, Chiu A, Citardi M, Han J, Kern R, Kingdom TT, Lane A, **Orlandi RR**, Ryan MW, Senior B, Stewart M. Going to the next level: Healthcare’s evolving expectations for evidence. *Otolaryngology – Head and Neck Surgery*, 141:551-4, 2009.
34. **Orlandi RR**, Marple BF, Georgelas A, Durtschi D, Barr L, Kita H, Gleich G. Immunologic response to fungus is not uniformly associated with rhinosinusitis. *Otolaryngology – Head and Neck Surgery*, 141:750-6, 2009.
35. Marple BF, Stankiewicz JA, Baroody F, Chow J, Conley DB, Corey JP, Ferguson BJ, Kern RC, Lusk R, Naclerio RM, **Orlandi RR**, Parker MJ. Diagnosis and management of chronic rhinosinusitis in adults: *Postgraduate Medicine*. 121:121-39, 2009.
36. Riggs S, **Orlandi RR**. Juvenile nasopharyngeal angiofibroma recurrence associated with exogenous testosterone therapy. *Head and Neck Surgery*. In press.
37. **Orlandi RR**, Warriar S, Sato S, Han JK. Concentrated topical epinephrine is safe in endoscopic sinus surgery. *American Journal of Rhinology and Allergy*. In press.
38. Harvey RJ, Shelton W, Timperley D, Debnath NI, Byrd K, Buchmann L, Gallagher RM, **Orlandi RR**, Sacks R, Schlosser RJ. Using fixed anatomical landmarks in endoscopic skull base surgery. *American Journal of Rhinology and Allergy*. In press.

39. Tansavatdi KP, McGill L, Riggs S, **Orlandi RR**. Development of an animal model for wound healing in chronic rhinosinusitis. *Archives of Otolaryngology – Head and Neck Surgery*. Accepted.
40. **Orlandi RR**. A systematic analysis of septal deviation associated with rhinosinusitis. *Laryngoscope*. Accepted.
41. Daines SM, Wang Y, **Orlandi RR**. Differences in gene expression in rhinitis and sinusitis: Examining “rhinosinusitis.” *Otolaryngology – Head and Neck Surgery*. Submitted.
42. Daines SM, Wang Y, **Orlandi RR**. Periostin and osteopontin are over-expressed in chronically inflamed sinuses. *Allergy and Rhinology*. Submitted. (*Allergy and Rhinology* is the new official journal of the ARS and AAOA, beginning January 2010)
43. Wilson M, Mobley SR, **Orlandi RR**. The functional and cosmetic Riedel procedure. *Archives of Otolaryngology – Head and Neck Surgery*. Submitted.

Invited Articles

1. **Orlandi RR**, Kennedy DW. Surgical management of rhinosinusitis. *American Journal of the Medical Sciences* 316:29-38, 1998.
2. **Orlandi RR**, Kennedy DW. Revision endoscopic frontal sinus surgery. *Otolaryngology Clinics of North America* 34:77-90, 2001.
3. **Orlandi RR**. Endoscopic sphenopalatine artery ligation. *Operative Techniques in Otolaryngology* 12:98-100, 2001.
4. **Orlandi RR**, Massey B. Case of the quarter: Sphenoid mass. *American Rhinologic Society Newsletter* 23:7, 2004
5. Kingdom TT, **Orlandi RR**. Image-guided surgery of the sinuses: Current technology and applications. *Otolaryngology Clinics of North America* 37:381-400, 2004.
6. Hadley K, **Orlandi RR**, Fong KA. Basic anatomy and physiology of olfaction and taste. *Otolaryngology Clinics of North America* 37:1115-26, 2004.
7. **Orlandi RR**, Hwang PW. Perioperative care for advanced rhinology procedures. *Otolaryngology Clinics of North America*, 39:463-73, 2006.
8. **Orlandi RR**. Biomaterials for sinus implantation. *Current Opinion in Otolaryngology – Head and Neck Surgery*, 15:44-7, 2007.
9. Gifford T, **Orlandi RR**. Epistaxis. *Otolaryngology Clinics of North America*, 41:525-36, 2008.
10. **Orlandi RR**, Marple BF. Developing, regulating, and ethically evaluating new technologies in otolaryngology – head and neck surgery. *Otolaryngology Clinics of North America*, 42:739-45, 2009.
11. **Orlandi RR**, Marple BF. The role of fungus in chronic rhinosinusitis. *Otolaryngology Clinics of North America*. In press.

12. Daines SM, **Orlandi RR**. Inflammatory cytokines in allergy and rhinosinusitis. *Current Opinion in Otolaryngology and Head & Neck Surgery*. In press.

Book

1. **Orlandi RR**, Snyderman CH. *Advanced Endoscopic Sinus Surgery*, American Academy of Otolaryngology – Head and Neck Surgery Foundation, Falls Church, VA, 2006.

Book Chapters

1. **Orlandi RR**, Kennedy DW. Nose and Sinuses, in Morris PJ (ed.), *Oxford Textbook of Surgery*, Oxford University Press, Oxford, England, 2001.
2. Couldwell WT, Liu JK, **Orlandi RR**, Weiss MH. Transfrontal approaches to the anterior skull base, in Sakai N (ed.), *Brain Tumor Surgery: Management Strategies and Navigator/Neuroendoscope (Proceedings of the 7th Annual Meeting of the Japanese Congress for Brain Tumor Surgery)*, Gifu, Japan, 2003.
3. **Orlandi RR**, Li H, Shu XZ, Liu Y, Prestwich GD. Preventing ostia closure during sinus surgery using in situ crosslinked hyaluronan hydrogels, in Balazs EA and Hascall VC (eds.), *Hyaluronan: Structure, Metabolism, Biological Activities, Therapeutic Applications*, Matrix Biology Institute, Edgewater, NJ, 2005
4. Mobley SR, **Orlandi RR**, Toriumi DM. The nasal airway, in McCarthy JG, Galiano RD, Boutros S (eds.), *Current Therapy in Plastic Surgery*, Elsevier Health Sciences, Philadelphia, 2005.
5. **Orlandi RR**. Pott's Puffy Tumor, in Kountakis S, Senior BA, Draf W. (eds.), *The Frontal Sinus*, Springer, Berlin, 2005.
6. Ferguson BJ, **Orlandi RR**. Chronic Hypertrophic Rhinosinusitis and Nasal Polyposis, in Bailey BJ, et al. (eds.), *Head & Neck Surgery – Otolaryngology*, 4th edition, Lippincott Williams & Wilkins, Philadelphia, 2006.
7. Prestwich GD, Shu XZ, Liu Y, Cai S, Walsh JF, Hughes CW, Ahmad S, Kirker KR, Yu B, **Orlandi RR**, Park AH, Thibeault SL, Duflo S, Smith ME. Injectable synthetic extracellular matrices for tissue engineering and repair, in Fisher J (ed.), *Tissue Engineering*, Springer, New York, 2006.
8. **Orlandi RR**. Sinusitis, in Rakel RE and Bope ET (eds.), *Conn's Current Therapy 2007*, Elsevier, Philadelphia, 2006.
9. **Orlandi RR**. Sinusitis, in Rakel RE and Bope ET (eds.), *Conn's Current Therapy 2008*, Elsevier, Philadelphia, 2007.
10. **Orlandi RR**. Medical management of acute rhinosinusitis, in Thaler E and Kennedy DW (eds.), *Rhinosinusitis: A Guide for Diagnosis and Management*, Springer, Philadelphia, 2008.
11. **Orlandi RR**. Revision endoscopic surgery of the sphenoid sinus, in Kountakis S, Jacobs J, Gosepath J (eds.), *Revision Sinus Surgery*, Springer, Philadelphia, 2008.
12. **Orlandi RR**. Sinusitis, in Rakel RE and Bope ET (eds.), *Conn's Current Therapy 2009*, Elsevier, Philadelphia, 2008.

13. **Orlandi RR**, Kingdom TT. Image guidance in sinus and skull base surgery, in De Sousa A (ed.), *Cirugia Endoscopia de la Nariz, Senos Paranasales y Base de Craneo*, McGraw-Hill, Columbus, OH, 2008.
14. Wise S, DelGaudio J, **Orlandi RR**. Sinonasal anatomy and development, in Kennedy DW and Hwang PH (eds.), *Rhinology: Diseases of the Nose, Sinuses, and Skull Base*. Thieme, Philadelphia, 2010.
15. Hwang PH and **Orlandi RR**. Office rhinology and biomaterials, in Kennedy DW and Hwang PH (eds.), *Rhinology: Diseases of the Nose, Sinuses, and Skull Base*. Thieme, Philadelphia, 2010.
16. Kingdom TT, **Orlandi RR**. Image-guided endoscopic sinus surgery, in De Souza C, Har-El G (eds.), *Head & Neck Surgery*, Jaypee Brothers Medical Publishers, India, 2009.

Electronic Media

1. **Orlandi RR**. “Emergency Medicine: Nosy Business.” Web M&M, Agency for Healthcare Research and Quality (AHRQ), 2010, <http://webmm.ahrq.gov/>
2. Wynn R, **Orlandi RR**. “Management of Sinonasal Cerebrospinal Fluid Leaks.” AcademyU, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2010, <http://www.entnet.org/educationandresearch/academyu/csf/player.html>

Posters

1. **Orlandi RR**, Li H, Shu XZ, Liu Y, Prestwich GD. Preventing ostia closure during sinus surgery using in situ crosslinked hyaluronan hydrogels. Presented at Hyaluronan 2003, Cleveland Clinic Foundation, Cleveland, Ohio, October 11-16, 2003.
2. Liu JK, O’Neill B, **Orlandi RR**, Moscatello AL, Jensen RL, Couldwell WT. Endoscopic-assisted craniofacial resection of esthesioneuroblastoma: minimizing facial incisions. Presented at the Congress of Neurological Surgeons, 53rd Annual Meeting, Denver, Colorado, October 18-23, 2003.
3. Sharma PK, Hadley KS, **Orlandi RR**. The use of toluidine blue in the management of intranasal neoplams. Presented at the American Laryngological, Rhinological and Otological Society, Western Section Meeting, Scottsdale, Arizona, January 31-February 1, 2004. Awarded 2nd place in poster competition.
4. Hewitt K, **Orlandi RR**. Suture medialization of the middle turbinate. Presented at the Scientific Meeting of the American Rhinologic Society, Boca Raton, Florida, May 12-14, 2005.
5. Higgins TH, Hwang PH, Kingdom TT, **Orlandi RR**, Stammberger H, Han JK. A systematic review of topical vasoconstrictors in pediatric sinus surgery. Presented at the Scientific Meeting of the American Rhinologic Society, Chicago, Illinois, September 20, 2008.
6. Wilson M, Mobley SR, **Orlandi RR**. The functional and cosmetic Riedel procedure. Presented at the Scientific Meeting of the American Academy of

Otolaryngology – Head and Neck Surgery, San Diego, California, October 4-7, 2009.

Scientific Presentations

1. Pirolli K, Goldberg AN, **Orlandi RR**. “Postoperative Office Debridement after Functional Endoscopic Sinus Surgery,” Annual Meeting, Society of Head and Neck Nurses, New Orleans, Louisiana, September 28, 1999.
2. Samadi DS, Goldberg AN, **Orlandi RR**. “Granulocyte Transfusion in the Management of Fulminant Invasive Fungal Sinusitis,” 103rd Annual Meeting, American Rhinologic Society, Orlando, Florida, May 15, 2000.
3. Perloff JR, Gannon FH, Bolger WE, Montone KT, **Orlandi RR**, Kennedy DW. “Bone Involvement in Chronic Sinusitis: An Apparent Pathway for the Spread of Disease.” Triologic Society, Orlando, Florida, May 16, 2000.
4. Anzai Y, Eldevik OP, Jacobson E, **Orlandi RR**. “CT Evaluation of Anatomic Variations in Patients with Chronic Sinus Disease.” 100th Annual Meeting, American Roentgen Ray Society, Washington, D.C., May 17-20, 2000.
5. Pynnonen MA, **Orlandi RR**. “Transnasal Endoscopic Sphenopalatine Artery Ligation.” Lamberson Lecture, University of Michigan, Ann Arbor, Michigan, June 9, 2000.
6. **Orlandi RR**, Terrell JE. “Analysis of the Adult Chronic Rhinosinusitis Working Definition.” IX Congress of the International Rhinologic Society, Washington, D.C., September 22, 2000.
7. Ritter FN, Terrell JE, **Orlandi RR**. “Endoscopic and External Sinus Surgery: Anatomy and Technique.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Washington, D.C., September 26, 2000.
8. **Orlandi RR**, Rubin A, Terrell JE, Anzai Y, Bugdaj M, Lanza DC. “Sinus inflammation associated with contralateral inverted papilloma.” 104th Annual Meeting, American Rhinologic Society, Palm Desert, Florida, May 14, 2001.
9. Greene CC, Rosenthal E, Middleton D, **Orlandi RR**, Terrell JE. “Clinical Evaluation and Outcomes of Treatment for Chronic Sinusitis.” Lamberson Lecture, University of Michigan, Ann Arbor, Michigan, June 8, 2001.
10. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Denver, Colorado, September 12, 2001.
11. Anzai Y, Jarvik JG, Yueh B, **Orlandi RR**, Weymuller E. “Impact of Sinus CT on Diagnosis and Treatment for Patients with Chronic and Recurrent Sinusitis.” 49th Annual Meeting of the Association of University Radiologists, Toronto, Ontario, Canada, May 18, 2001.

12. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, San Diego, California, September 24, 2002.
13. Miller TR, Muntz HR, Gilbert ME, **Orlandi RR**. “Comparison of topical medication delivery systems after sinus surgery.” The American Laryngological, Rhinological and Otological Society, Western Section Meeting, Indian Wells, California, February 2, 2003.
14. **Orlandi RR**, Shelton C. “Endoscopic closure of the eustachian tube.” American Rhinology Society Spring Meeting, Nashville, Tennessee, May 2, 2003.
15. Gilbert ME, Kirker K, Ward D, Gray SD, Prestwich GD, **Orlandi RR**. “Chondroitin sulfate hydrogel and wound healing in maxillary sinus mucosa.” The American Laryngological, Rhinological and Otological Society, Nashville, Tennessee, May 4, 2003.
16. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Orlando, Florida, September 21, 2003.
17. Miller TR, Stevens ES, **Orlandi RR**. Economic analysis of the treatment of posterior epistaxis. Scientific Forum, American Academy of Otolaryngology – Head and Neck Surgery, Orlando, Florida, September 23, 2003.
18. **Orlandi RR**, Lanza DC. “Is Nasal Packing Necessary Following Endoscopic Sinus Surgery?” The American Laryngological, Rhinological and Otological Society, Western Section Meeting, Scottsdale, Arizona, January 31, 2004.
19. **Orlandi RR**, Thibeault S, Marple BF, Ferguson BJ. “Microarray analysis of eosinophilic mucin rhinosinusitis versus allergic fungal sinusitis.” 63rd Annual Meeting, American Academy of Otolaryngic Allergy, New York, New York, September 18, 2004. Awarded the Sam Sanders Basic Science Award.
20. Hadley JA, Ferguson BJ, **Orlandi RR**, Vining E. “Maximal medical therapy.” 50th Annual Meeting, American Rhinologic Society, New York, New York, September 18, 2004.
21. **Orlandi RR**. “The Immunomodulatory Effects of Macrolides: Clinical Evidence.” 50th Annual Meeting, American Rhinologic Society, New York, New York, September 19, 2004.
22. Proctor M, Proctor K, McGill LD, Shu XS, Prestwich GD, **Orlandi RR**. “Composition of hyaluronan affects wound healing in the rabbit maxillary sinus.” 50th Annual Meeting, American Rhinologic Society, New York, New York, September 19, 2004. Awarded the Dr. Maurice Cottle Research Award.
23. **Orlandi RR**. “Regional variations in end stage chronic rhinosinusitis – eosinophils.” 50th Annual Meeting, American Rhinologic Society, New York, New York, September 20, 2004.

24. Hwang PH, **Orlandi RR**, Warmald PJ, Chandra R. “Biomaterials in Surgical Rhinology.” 50th Annual Meeting, American Rhinologic Society, New York, New York, September 19, 2004.
25. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, New York, New York, September 21, 2004.
26. Petersen E, **Orlandi RR**. “Image Guidance: A Survey of Attitudes and Use.” 51st Annual Meeting, American Rhinologic Society, Los Angeles, California, September 24, 2005.
27. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, California, September 26, 2005.
28. **Orlandi RR**, Kingdom TT. “Image Guided Sinus Surgery: Current Technology and Standards.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, California, September 27, 2005.
29. Steele B, Davidson HC, Hamilton BE, **Orlandi RR**. “Avascularity of the Sinonasal Mucosa on MRI as an Early Sign of Acute Invasive Fungal Rhinosinusitis.” 44th Annual Meeting of the American Society of Neuroradiology, San Diego, California, May 4, 2006.
30. **Orland RR**, “Pay for Performance – The AAOA Perspective.” American Academy of Otolaryngic Allergy Annual Meeting, Toronto, Ontario, September 15, 2006.
31. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Toronto, Ontario, September 18, 2006.
32. **Orlandi RR**, Knight J. “Rare Prolonged Stenting of the Frontal Sinus.” American Rhinologic Society Spring Meeting, San Diego, California, April 26, 2007.
33. Batra P, Citardi M, Leong JL, **Orlandi RR**, Stankiwicz J. “Decision Making in Frontal Sinus Surgery,” American Academy of Otolaryngology – Head and Neck Surgery, Washington, DC, September 17, 2007.
34. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Washington, DC, September 18, 2007.
35. **Orlandi RR**, Marple BS, Cline A, Durtschi D, Barr L, Kita H, Gleich G. “Immunologic Response to Fungus is not Uniformly Associated with Rhinosinusitis,” American Academy of Otolaryngic Allergy, Chicago, IL, September 19, 2008.
36. Han J, Hwang PH, Kingdom TT, **Orlandi RR**. “Avoiding Poor Surgical Outcomes in Endoscopic Sinus Surgery,” American Academy of Otolaryngology – Head and Neck Surgery, Chicago, IL, September 22, 2008.

37. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, Chicago, IL, September 22, 2008.
38. **Orlandi RR**, Warrier S, Sato S, Han JK. “Concentrated Topical Epinephrine is Safe in Endoscopic Sinus Surgery.” American Rhinologic Society Fall Meeting, San Diego, California, October 3, 2009.
39. **Orlandi RR**, “Chronic Rhinosinusitis: Over-reacting to Fungus?” Mini-Seminar, American Academy of Otolaryngology – Head and Neck Surgery, San Diego, California, October 6, 2009.
40. Hwang PH, **Orlandi RR**. “Surgical Management of the Inferior, Middle, and Superior Turbinates.” Instructional Course, American Academy of Otolaryngology – Head and Neck Surgery, San Diego, California, October 6, 2009.

TEACHING ACTIVITIES

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| 1997-1998 | Lectures, “Practical Aspects of Head and Neck Examination” and “Common Problems in Rhinology” for second year medical students, University of Pennsylvania School of Medicine. |
| 1997-1998 | Proctoring of cadaver sinus dissection for visiting “mini-fellows,” Department of Otorhinolaryngology: Head and Neck Surgery, University of Pennsylvania. |
| 1998 | Faculty, <i>The Penn Rhinology Course: Technical Advances in Management of Sino-nasal Disease</i> , University of Pennsylvania, Philadelphia, Pennsylvania. |
| 1998 | Instructor, “Anterior Triangle of Neck” and “Sinuses and Oral Cavity,” Anatomy Clinical Correlation for first-year medical students, University of Michigan Medical School. |
| 1999 | Instructor, First Year Medical Student Head and Neck Examinations, University of Michigan Medical School. |
| 1999 | Faculty, <i>The Penn Rhinology Course: Technical Advances in Management of Sino-nasal Disease</i> , University of Pennsylvania, Philadelphia, Pennsylvania. |
| 1999, 2000 | Laboratory Instructor, “Basic Techniques in Endoscopic Sinus Surgery,” for residents, Department of Otolaryngology – Head and Neck Surgery, University of Michigan Medical School |
| 1999 | Faculty, <i>Otolaryngology for the Non-Otolaryngologist: A Practical Update</i> , University of Michigan, Ann Arbor, Michigan, October 25, 1999. |
| 2000 | Guest Faculty, <i>The Oregon Sinus Course</i> , Oregon Health Sciences University, Portland, Oregon, August 11-13, 2000. |

- 2001 Guest Faculty, *Masters in Otolaryngology*, University of Pittsburgh, Park City, Utah, March 14, 2001.
- 2001 Guest Faculty, *Western States Rhinology Course*, Annenberg Center for Health Sciences, Rancho Mirage, California, May 18-19, 2001.
- 2001 Co-Director and Faculty, *Intermountain Otolaryngology Update*, University of Utah, Salt Lake City, Utah, June 7-9, 2001.
- 2001 Guest Faculty, *The Oregon Sinus Course*, Oregon Health Sciences University, Portland, Oregon, August 1-3, 2001.
- 2001 Guest Faculty, *Advances in Management of Nasal and Sinus Disorders*, Cleveland Clinic Foundation, Cleveland, Ohio, November 1-3, 2001.
- 2002 Guest Faculty, *Masters in Otolaryngology*, University of Pittsburgh, Park City, Utah, March 10-16, 2002.
- 2002 Guest Faculty, *Intensive Interactive Head and Neck Radiology Course*, University of Utah, Salt Lake City, Utah, April 8-13, 2002.
- 2002 Guest Faculty, *The Oregon Sinus Course*, Oregon Health Sciences University, Portland, Oregon, July 26-28, 2002.
- 2003 Guest Faculty, *The Ultimate Colorado Ski Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, February 2-6, 2003.
- 2003 Guest Faculty, *XII Advanced Endoscopic Sinus Surgery Course*, Bogotá, Columbia, February 10-15, 2003.
- 2003 Co-Director and Faculty, *The Utah Rhinology Course: Advances in Adult and Pediatric Management*, University of Utah, Salt Lake City, Utah, February 20-22, 2003.
- 2003 Guest Faculty, *Masters in Otolaryngology*, University of Pittsburgh, Park City, Utah, March 10-16, 2003.
- 2003 Guest Faculty, *The Colorado Sinus Course*, University of Colorado, Denver, Colorado, March 28-29, 2003.
- 2003 Faculty, *University of Utah Alumni and Medical Community Weekend*, University of Utah, Salt Lake City, Utah, May 31, 2003.
- 2004 Guest Faculty, *72nd Annual Mid-Winter Clinical Conference for Otolaryngology and Ophthalmology*, The Research Study Club of Los Angeles, Los Angeles, California, January 16-17, 2004.
- 2004 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, February 1-5, 2004.
- 2004 Faculty, *University of Utah Skull Base Course*, University of Utah, Salt Lake City, Utah, February 28, 2004.
- 2004 Guest Faculty, *The Penn International Rhinology Course*, University of Pennsylvania, Philadelphia, Pennsylvania, March 11-13, 2004.

- 2004 Guest Faculty, *Advances in Otolaryngology Head and Neck Surgery*, American Academy of Otolaryngology – Head and Neck Surgery Foundation, Las Vegas, Nevada, March 16-20, 2004.
- 2004 Guest Faculty, *7th Intensive Interactive Head & Neck Imaging Conference*, University of Utah, Salt Lake City, Utah, April 26-30, 2004.
- 2004 Co-Director and Faculty, *Western States Rhinology Course*, Sonoma, California, October 21-23, 2004.
- 2005 Guest Faculty, *Annual Clinical Conference*, Kansas City Society of Ophthalmology and Otolaryngology, Kansas City, Missouri, January 7-8, 2005.
- 2005 Guest Faculty, *73rd Annual Mid-Winter Clinical Conference for Otolaryngology and Ophthalmology*, The Research Study Club of Los Angeles, Los Angeles, California, January 21-22, 2005.
- 2005 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, January 31-February 3, 2005.
- 2005 Guest Faculty, *3rd Biennial International Milano Masterclass*, Milan, Italy, March 4-8, 2005.
- 2005 Faculty, *11th Annual Utah Otolaryngology Update*, University of Utah, June 17-18, 2005.
- 2006 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, January 29-February 2, 2006.
- 2006 Guest Faculty, *40th Annual MG Paul Streit Memorial Seminar in Otolaryngology*, Walter Reed Army Medical Center, Bethesda, Maryland, February 24-25, 2006.
- 2006 Guest Faculty, *The Master's Course – Latest Trends in Allergy & Rhinology*, American Academy of Otolaryngic Allergy, Sonoma, California, March 18, 2006.
- 2006 Faculty, *Maxillofacial Trauma Course*, University of Utah, Salt Lake City, Utah, April 1, 2006.
- 2006 Faculty, *Utah Otolaryngology Update*, University of Utah, Salt Lake City, Utah, June 16-17, 2006.
- 2006 Co-Director and Faculty, *Western States Rhinology Course*, Sonoma, California, October 26-28, 2006.
- 2006 Guest Faculty, *Annual Meeting of the Association of Operating Room Nurses of Northern Utah*, Salt Lake City, Utah, November 11, 2006.
- 2007 Guest Faculty, *The USC Advanced Endoscopic Sinus Surgery Course*, Los Angeles, California, January 21-22, 2007.

- 2007 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, January 28-February 1, 2007.
- 2007 Faculty, *Utah Otolaryngology Update*, University of Utah, Salt Lake City, Utah, June 15-16, 2007.
- 2007 Guest Faculty, *Summer Update in Otolaryngology*, University of Wisconsin, Beaver Creek, Colorado, July 22-27, 2007.
- 2008 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, January 28-February 1, 2008.
- 2008 Faculty, *Utah Otolaryngology Update*, University of Utah, Salt Lake City, Utah, June 20-21, 2008.
- 2008 Co-Director and Faculty, *Western States Rhinology Course*, Sonoma, California, October 16-18, 2008.
- 2009 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, February 1-4, 2009.
- 2009 Faculty and Planning Committee Member, *Rhinology World*, Philadelphia, Pennsylvania, April 15-19, 2009.
- 2009 Guest Faculty, XIX World Congress of Oto-Rhino-Laryngology, São Paulo, Brazil, June 1- 5, 2009.
- 2009 Faculty, *Utah Otolaryngology Update*, University of Utah, Salt Lake City, Utah, June 15-16, 2009.
- 2010 Guest Faculty, *Ultimate Colorado Mid-Winter Meeting: An Otolaryngology Update*, University of Colorado, Vail, Colorado, January 24-29, 2010.
- 2010 Guest Faculty, *Montana Society of Otolaryngology Head and Neck Surgery Annual Meeting*, Big Sky, Montana, February 19-21, 2010.
- 2010 Faculty, *University of Utah Maxillofacial Trauma Course*, University of Utah, Salt Lake City, Utah, March 13, 2010.